

PD 11/15/2000

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(FILE 'HOME' ENTERED AT 09:03:48 ON 11 DEC 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 09:04:13 ON 11 DEC 2003

L1 0 S "PROTEIN (5W) KINASE?"
L2 1144257 S KINASE?
L3 2086 S EUKARYOTIC (5W) KINASE?
L4 433 S HUMAN AND L3
L5 0 S "EPK-55053"
L6 0 S EPK(A)55053
L7 6272589 S RECOMBINANT OR CLON? OR EXPRESS?
L8 253 S L4 AND L7
L9 120 DUP REM L8 (133 DUPLICATES REMOVED)
 E CURTIS R A/AU
L10 214 S E3
L11 0 S L9 AND L10
L12 0 S L2 AND L10

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=> file medline embase biosis biotechds scisearch hcplus ntis lifesci
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FILE 'MEDLINE' ENTERED AT 09:04:13 ON 11 DEC 2003

FILE 'EMBASE' ENTERED AT 09:04:13 ON 11 DEC 2003
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FILE 'LIFESCI' ENTERED AT 09:04:13 ON 11 DEC 2003
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=> s "protein (5w) kinase?"
L1 0 "PROTEIN (5W) KINASE?"

=> s kinase?
L2 1144257 KINASE?

=> s eukaryotic (5w) kinase?
L3 2086 EUKARYOTIC (5W) KINASE?

=> s human and l3
L4 433 HUMAN AND L3

=> s "epk-55053"
L5 0 "EPK-55053"

=> s epk(a)55053
L6 0 EPK(A) 55053

=> s recombinant or clon? or express?
5 FILES SEARCHED...
L7 6272589 RECOMBINANT OR CLON? OR EXPRESS?

=> s l4 and l7
L8 253 L4 AND L7

=> dup rem 18
PROCESSING COMPLETED FOR L8
L9 120 DUP REM L8 (133 DUPLICATES REMOVED)

=> d 12-20 ibib

L9 ANSWER 12 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:396578 BIOSIS
DOCUMENT NUMBER: PREV200300396578
TITLE: Cyclic AMP inhibits translation of cyclin D3 in T
lymphocytes at the level of elongation by inducing
eEF2-phosphorylation.

AUTHOR(S): Gutzkow, Kristine B.; Lahne, Hege U.; Naderi, Soheil;
Torgersen, Knut Martin; Skalhegg, Bjorn; Koketsu, Mamoru;
Uehara, Yoshimasa; Blomhoff, Heidi Kiil [Reprint Author]
CORPORATE SOURCE: Institute of Medical Biochemistry, University of Oslo,
Blindern, N-0317, P.O. Box 1112, Oslo, Norway
h.k.blomhoff@basalmed.uio.no
SOURCE: Cellular Signalling, (September 2003) Vol. 15, No. 9, pp.
871-881. print.
ISSN: 0898-6568 (ISSN print).
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 27 Aug 2003
Last Updated on STN: 27 Aug 2003

L9 ANSWER 13 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 6
ACCESSION NUMBER: 2003:551497 BIOSIS
DOCUMENT NUMBER: PREV200300554387
TITLE: Wolcott-Rallison syndrome: Pathogenic insights into
neonatal diabetes from new mutation and expression
studies of EIF2AK3.
AUTHOR(S): Brickwood, S.; Bonthron, D. T.; Al-Gazali, L. I.; Piper,
K.; Hearn, T.; Wilson, D. I.; Hanley, N. A. [Reprint
Author]
CORPORATE SOURCE: Division of Human Genetics, Southampton General Hospital,
Tremona Road, Southampton, SO16 6YD, UK
n.a.hanley@soton.ac.uk
SOURCE: Journal of Medical Genetics, (September 2003) Vol. 40, No.
9, pp. 685-689. print.
CODEN: JMDGAE. ISSN: 0022-2593.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 26 Nov 2003
Last Updated on STN: 26 Nov 2003

L9 ANSWER 14 OF 120 MEDLINE on STN
ACCESSION NUMBER: 2003087826 MEDLINE
DOCUMENT NUMBER: 22441890 PubMed ID: 12554652
TITLE: The Helicobacter pylori CagA protein induces cortactin
dephosphorylation and actin rearrangement by c-Src
inactivation.
AUTHOR: Selbach Matthias; Moese Stefan; Hurwitz Robert; Hauck
Christof R; Meyer Thomas F; Backert Steffen
CORPORATE SOURCE: Max-Planck-Institut fur Infektionsbiologie, Abt. Molekulare
Biologie, Schumannstrasse 20/21, D-10117 Berlin, Germany.
SOURCE: EMBO JOURNAL, (2003 Feb 3) 22 (3) 515-28.
Journal code: 8208664. ISSN: 0261-4189.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200303
ENTRY DATE: Entered STN: 20030226
Last Updated on STN: 20030327
Entered Medline: 20030326

L9 ANSWER 15 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS
RESERVED. on STN
ACCESSION NUMBER: 2003164910 EMBASE
TITLE: Structure, function and evolution of haspin and
haspin-related proteins, a distinctive group of
eukaryotic protein kinases.
AUTHOR: Higgins J.M.G.
CORPORATE SOURCE: J.M.G. Higgins, Department of Medicine, Brigham and Women's

Hospital, Harvard Medical School, One Jimmy Fund Way,
Boston, MA 02115, United States.
jhiggins@rics.bwh.harvard.edu
SOURCE: Cellular and Molecular Life Sciences, (1 Mar 2003) 60/3
(446-462).
Refs: 99
ISSN: 1420-682X CODEN: CMLSP1
COUNTRY: Switzerland
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 022 Human Genetics
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L9 ANSWER 16 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 2003-06276 BIOTECHDS
TITLE: RTKdb: database of receptor tyrosine kinase;
metazoon cellular process evolution and comparative study
and tyrosine-kinase receptor database
AUTHOR: GRASSOT J; MOUCHIROUD G; PERRIERE G
CORPORATE SOURCE: Univ Lyon 1; Univ Lyon 1
LOCATION: Grassot J, Univ Lyon 1, CNRS, UMR 5534, Ctr Genet Mol and
Cellulaire, 43 Bd 11 Novembre1918, F-69622 Villeurbanne,
France
SOURCE: NUCLEIC ACIDS RESEARCH; (2003) 31, 1, 353-358
ISSN: 0305-1048
DOCUMENT TYPE: Journal
LANGUAGE: English

L9 ANSWER 17 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:128287 BIOSIS
DOCUMENT NUMBER: PREV200300128287
TITLE: Functional characterization of Drosophila melanogaster PERK
eukaryotic initiation factor 2alpha (eIF2alpha)
kinase.
AUTHOR(S): Pomar, Natalia; Berlanga, Juan J.; Campuzano, Sonsoles;
Hernandez, Greco; Elias, Monica; de Haro, Cesar [Reprint
Author]
CORPORATE SOURCE: Centro de Biologia Molecular 'Severo Ochoa', Facultad de
Ciencias, CSIC-UAM, Cantoblanco, Madrid, 28049, Spain
cdeharo@cbm.uam.es
SOURCE: European Journal of Biochemistry, (January 2003) Vol. 270,
No. 2, pp. 293-306. print.
ISSN: 0014-2956 (ISSN print).
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 5 Mar 2003
Last Updated on STN: 5 Mar 2003

L9 ANSWER 18 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2003:629985 HCPLUS
TITLE: Contrasts between farnesyl pyrophosphate feedback
inhibition of prokaryotic and **eukaryotic**
mevalonate kinase
AUTHOR(S): Miziorko, Henry M.; Voynova, Natalya
CORPORATE SOURCE: Biochemistry Department, Medical College of Wisconsin,
Milwaukee, WI, 53226, USA
SOURCE: Abstracts of Papers, 226th ACS National Meeting, New
York, NY, United States, September 7-11, 2003 (2003),
BIOL-117. American Chemical Society: Washington, D.
C.
CODEN: 69EKY9
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L9 ANSWER 19 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:547600 BIOSIS
DOCUMENT NUMBER: PREV200300548488
TITLE: Contrasts between farnesyl pyrophosphate feedback inhibition of prokaryotic and eukaryotic mevalonate kinase.
AUTHOR(S): Miziorko, Henry M. [Reprint Author]; Voynova, Natalya
CORPORATE SOURCE: Biochemistry Department, Medical College of Wisconsin, 8701 Watertown Plank Rd., Milwaukee, WI, 53226, USA
SOURCE: Abstracts of Papers American Chemical Society, (2003) Vol. 226, No. 1-2, pp. BIOL 117. print.
Meeting Info.: 226th ACS (American Chemical Society)
National Meeting. New York, NY, USA. September 07-11, 2003.
American Chemical Society.
ISSN: 0065-7727 (ISSN print).
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 19 Nov 2003
Last Updated on STN: 19 Nov 2003

L9 ANSWER 20 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:531243 BIOSIS
DOCUMENT NUMBER: PREV200300533784
TITLE: Characterization of a novel eukaryotic-type signal transduction pathway in Streptococcus agalactiae.
AUTHOR(S): Rajagopal, L. [Reprint Author]; Rubens, C. E. [Reprint Author]
CORPORATE SOURCE: Childrens Hospital and Regional Medical Center, Seattle, WA, USA
SOURCE: Abstracts of the General Meeting of the American Society for Microbiology, (2003) Vol. 103, pp. H-137.
<http://www.asmusa.org/mtgsrc/generalmeeting.htm>. cd-rom.
Meeting Info.: 103rd American Society for Microbiology General Meeting. Washington, DC, USA. May 18-22, 2003.
American Society for Microbiology.
ISSN: 1060-2011 (ISSN print).
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 12 Nov 2003
Last Updated on STN: 12 Nov 2003

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FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 09:04:13 ON 11 DEC 2003

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L2 1144257 S KINASE?
L3 2086 S EUKARYOTIC (5W) KINASE?
L4 433 S HUMAN AND L3
L5 0 S "EPK-55053"
L6 0 S EPK(A)55053
L7 6272589 S RECOMBINANT OR CLON? OR EXPRESS?
L8 253 S L4 AND L7
L9 120 DUP REM L8 (133 DUPLICATES REMOVED)

=> d 19 1-120 ibib

L9 ANSWER 1 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 2003-23498 BIOTECHDS
TITLE: Treating subject having tumorigenic disorder or angiogenic disorder caused by aberrant polypeptide e.g., N-formylpeptide receptor or nucleic acid, by administering a modulator; involving vector-mediated gene transfer and expression in host cell for use in cancer, Graves disease and diabetic retinopathy therapy
AUTHOR: HUNTER J J; MACBETH K J; TSAI F; LESOON A; LIGHTCAP E S; WILLIAMSON M W; RUDOLPH-OWEN L A
PATENT ASSIGNEE: MILLENNIUM PHARM INC
PATENT INFO: WO 2003065006 7 Aug 2003
APPLICATION INFO: WO 2003-US2588 30 Jan 2003
PRIORITY INFO: US 2002-432122 10 Dec 2002; US 2002-353600 31 Jan 2002
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-646176 [61]

L9 ANSWER 2 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 2003-14794 BIOTECHDS
TITLE: Novel nucleic acid comprising a locked nucleic acid unit having a modified base that comprises an optionally substituted carbocyclic aryl moiety, or modified nucleobase or nucleosidic base other than oxazole/imidazole; locked DNA, DNA primer and polymerase chain reaction for antisense oligonucleotide preparation and gene therapy
AUTHOR: WENGEL J; KAUPPINEN S
PATENT ASSIGNEE: EXIQON AS
PATENT INFO: WO 2003020739 13 Mar 2003
APPLICATION INFO: WO 2002-IB3911 4 Sep 2002
PRIORITY INFO: US 2001-323967 22 Sep 2001; US 2001-317034 4 Sep 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-363021 [34]

L9 ANSWER 3 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2003:472607 HCPLUS
DOCUMENT NUMBER: 139:47154
TITLE: Heme-regulated eukaryotic initiation factor 2 alpha kinase knockout mice and methods for use in drug screening
INVENTOR(S): Chen, Jane-jane
PATENT ASSIGNEE(S): Massachusetts Institute of Technology, USA
SOURCE: PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003050252	A2	20030619	WO 2002-US39108	20021206
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,			

MR, NE, SN, TD, TG
US 2003131363 A1 20030710 US 2002-314108 20021206
PRIORITY APPLN. INFO.: US 2001-339360P P 20011207

L9 ANSWER 4 OF 120 MEDLINE on STN DUPLICATE 1
ACCESSION NUMBER: 2003488913 IN-PROCESS
DOCUMENT NUMBER: 22928078 PubMed ID: 12882984
TITLE: Nucleophosmin interacts with and inhibits the catalytic function of eukaryotic initiation factor 2 kinase PKR.
AUTHOR: Pang Qishen; Christianson Tracy A; Koretsky Tara; Carlson Hanqian; David Larry; Keeble Winifred; Faulkner Gregory R; Speckhart Ashley; Bagby Grover C
CORPORATE SOURCE: OHSU Cancer Institute, Schools of Medicine and Dentistry, Oregon Health Sciences University, Portland, OR 97201, USA.
CONTRACT NUMBER: HL 48546 (NHLBI)
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2003 Oct 24) 278 (43) 41709-17.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals
ENTRY DATE: Entered STN: 20031021
Last Updated on STN: 20031101

L9 ANSWER 5 OF 120 MEDLINE on STN DUPLICATE 2
ACCESSION NUMBER: 2003367031 MEDLINE
DOCUMENT NUMBER: 22765595 PubMed ID: 12748192
TITLE: Phosphorylation of threonine 10 on CKBBP1/SAG/ROC2/Rbx2 by protein kinase CKII promotes the degradation of IkappaBalphalpha and p27Kip1.
AUTHOR: Kim Yun-Sook; Lee Jae-Yong; Son Mi-Young; Park Wan; Bae Young-Seuk
CORPORATE SOURCE: Department of Biochemistry, College of Natural Sciences, Kyungpook National University, Daegu 702-701, Korea.
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2003 Aug 1) 278 (31) 28462-9.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200309
ENTRY DATE: Entered STN: 20030807
Last Updated on STN: 20030911
Entered Medline: 20030910

L9 ANSWER 6 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:289750 BIOSIS
DOCUMENT NUMBER: PREV200300289750
TITLE: P58IPK, a novel endoplasmic reticulum stress-inducible protein and potential negative regulator of eIF2alpha signaling.
AUTHOR(S): van Huizen, Rika [Reprint Author]; Martindale, Jennifer L.; Gorospe, Myriam; Holbrook, Nikki J.
CORPORATE SOURCE: Laboratory of Cellular and Molecular Biology, National Institute on Aging, National Institutes of Health, 5600 Nathan Shock Dr., Baltimore, MD, 21224, USA
HuizenRi@grc.nia.nih.gov
SOURCE: Journal of Biological Chemistry, (May 2, 2003) Vol. 278, No. 18, pp. 15558-15564. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DOCUMENT TYPE: Article

LANGUAGE: English
ENTRY DATE: Entered STN: 19 Jun 2003
Last Updated on STN: 19 Jun 2003

L9 ANSWER 7 OF 120 MEDLINE on STN
ACCESSION NUMBER: 2003173772 MEDLINE
DOCUMENT NUMBER: 22578309 PubMed ID: 12562757
TITLE: A eukaryotic type serine/threonine kinase and phosphatase in Streptococcus agalactiae reversibly phosphorylate an inorganic pyrophosphatase and affect growth, cell segregation, and virulence.
AUTHOR: Rajagopal Lakshmi; Clancy Anne; Rubens Craig E
CORPORATE SOURCE: Division of Infectious Disease, Childrens Hospital and Regional Medical Center, Seattle, Washington 98105, USA.
CONTRACT NUMBER: 811501/N01-AI-75326 (NIAID)
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2003 Apr 18) 278 (16) 14429-41.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200305
ENTRY DATE: Entered STN: 20030416
Last Updated on STN: 20030523
Entered Medline: 20030522

L9 ANSWER 8 OF 120 MEDLINE on STN DUPLICATE 3
ACCESSION NUMBER: 2003507742 IN-PROCESS
DOCUMENT NUMBER: 22945366 PubMed ID: 14583488
TITLE: Identification and characterization of an inhibitor of eukaryotic elongation factor 2 kinase against human cancer cell lines.
AUTHOR: Arora Sonia; Yang Jin-Ming; Kinzy Terri Goss; Utsumi Ryutaro; Okamoto Tadashi; Kitayama Takashi; Ortiz Pedro A; Hait William N
CORPORATE SOURCE: The Cancer Institute of New Jersey, Department of Medicine, University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School, New Brunswick, New Jersey 08901, USA.
CONTRACT NUMBER: CA438888 (NCI)
SOURCE: CANCER RESEARCH, (2003 Oct 15) 63 (20) 6894-9.
Journal code: 2984705R. ISSN: 0008-5472.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals
ENTRY DATE: Entered STN: 20031031
Last Updated on STN: 20031031

L9 ANSWER 9 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2003:106652 HCPLUS
DOCUMENT NUMBER: 139:50485
TITLE: The p34cdc2-related Cyclin-dependent kinase 11 Interacts with the p47 Subunit of Eukaryotic Initiation Factor 3 during Apoptosis
AUTHOR(S): Shi, Jiaqi; Feng, Yongmei; Goulet, Anne-Christine; Vaillancourt, Richard R.; Sachs, Nancy A.; Hershey, John W.; Nelson, Mark A.
CORPORATE SOURCE: Arizona Cancer Center, Department of Pathology, University of Arizona, Tucson, AZ, 85724, USA
SOURCE: Journal of Biological Chemistry (2003), 278(7), 5062-5071

CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 10 OF 120 MEDLINE on STN DUPLICATE 4
ACCESSION NUMBER: 2003111907 MEDLINE
DOCUMENT NUMBER: 22497621 PubMed ID: 12610133
TITLE: Protein synthesis and endoplasmic reticulum stress can be modulated by the hepatitis C virus envelope protein E2 through the eukaryotic initiation factor 2alpha kinase PERK.
AUTHOR: Pavio Nicole; Romano Patrick R; Graczyk Thomas M; Feinstone Stephen M; Taylor Deborah R
CORPORATE SOURCE: Howard Hughes Medical Institute, Department of Molecular Microbiology and Immunology, School of Medicine, University of Southern California, Los Angeles, California 90033, USA.
SOURCE: JOURNAL OF VIROLOGY, (2003 Mar) 77 (6) 3578-85.
Journal code: 0113724. ISSN: 0022-538X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200304
ENTRY DATE: Entered STN: 20030311
Last Updated on STN: 20030403
Entered Medline: 20030402

L9 ANSWER 11 OF 120 MEDLINE on STN DUPLICATE 5
ACCESSION NUMBER: 2003247921 MEDLINE
DOCUMENT NUMBER: 22656207 PubMed ID: 12771363
TITLE: Amino acids as regulators of gene expression at the level of mRNA translation.
AUTHOR: Jefferson Leonard S; Kimball Scot R
CORPORATE SOURCE: Department of Cellular and Molecular Physiology, Pennsylvania State University College of Medicine, Hershey, PA 17033, USA.. jjefferson@psu.edu
CONTRACT NUMBER: DK-13499 (NIDDK)
DK-15658 (NIDDK)
SOURCE: JOURNAL OF NUTRITION, (2003 Jun) 133 (6 Suppl 1)
2046S-2051S. Ref: 71
Journal code: 0404243. ISSN: 0022-3166.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200306
ENTRY DATE: Entered STN: 20030529
Last Updated on STN: 20030625
Entered Medline: 20030624

L9 ANSWER 12 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:396578 BIOSIS
DOCUMENT NUMBER: PREV200300396578
TITLE: Cyclic AMP inhibits translation of cyclin D3 in T lymphocytes at the level of elongation by inducing eEF2-phosphorylation.
AUTHOR(S): Gutzkow, Kristine B.; Lahne, Hege U.; Naderi, Soheil; Torgersen, Knut Martin; Skalhegg, Bjorn; Koketsu, Mamoru;

CORPORATE SOURCE: Uehara, Yoshimasa; Blomhoff, Heidi Kiil [Reprint Author]
Institute of Medical Biochemistry, University of Oslo,
Blindern, N-0317, P.O. Box 1112, Oslo, Norway
h.k.blomhoff@basalmed.uio.no

SOURCE: Cellular Signalling, (September 2003) Vol. 15, No. 9, pp.
871-881. print.
ISSN: 0898-6568 (ISSN print).

DOCUMENT TYPE: Article

LANGUAGE: English

ENTRY DATE: Entered STN: 27 Aug 2003
Last Updated on STN: 27 Aug 2003

L9 ANSWER 13 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 6

ACCESSION NUMBER: 2003:551497 BIOSIS

DOCUMENT NUMBER: PREV200300554387

TITLE: Wolcott-Rallison syndrome: Pathogenic insights into
neonatal diabetes from new mutation and **expression**
studies of EIF2AK3.

AUTHOR(S): Brickwood, S.; Bonthron, D. T.; Al-Gazali, L. I.; Piper,
K.; Hearn, T.; Wilson, D. I.; Hanley, N. A. [Reprint
Author]

CORPORATE SOURCE: Division of Human Genetics, Southampton General Hospital,
Tremona Road, Southampton, SO16 6YD, UK
n.a.hanley@soton.ac.uk

SOURCE: Journal of Medical Genetics, (September 2003) Vol. 40, No.
9, pp. 685-689. print.
CODEN: JMDGAE. ISSN: 0022-2593.

DOCUMENT TYPE: Article

LANGUAGE: English

ENTRY DATE: Entered STN: 26 Nov 2003
Last Updated on STN: 26 Nov 2003

L9 ANSWER 14 OF 120 MEDLINE on STN

ACCESSION NUMBER: 2003087826 MEDLINE

DOCUMENT NUMBER: 22441890 PubMed ID: 12554652

TITLE: The Helicobacter pylori CagA protein induces cortactin
dephosphorylation and actin rearrangement by c-Src
inactivation.

AUTHOR: Selbach Matthias; Moese Stefan; Hurwitz Robert; Hauck
Christof R; Meyer Thomas F; Backert Steffen

CORPORATE SOURCE: Max-Planck-Institut fur Infektionsbiologie, Abt. Molekulare
Biologie, Schumannstrasse 20/21, D-10117 Berlin, Germany.

SOURCE: EMBO JOURNAL, (2003 Feb 3) 22 (3) 515-28.
Journal code: 8208664. ISSN: 0261-4189.

PUB. COUNTRY: England: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200303

ENTRY DATE: Entered STN: 20030226
Last Updated on STN: 20030327
Entered Medline: 20030326

L9 ANSWER 15 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS
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ACCESSION NUMBER: 2003164910 EMBASE

TITLE: Structure, function and evolution of haspin and
haspin-related proteins, a distinctive group of
eukaryotic protein kinases.

AUTHOR: Higgins J.M.G.

CORPORATE SOURCE: J.M.G. Higgins, Department of Medicine, Brigham and Women's
Hospital, Harvard Medical School, One Jimmy Fund Way,
Boston, MA 02115, United States.

SOURCE: jhiggins@rics.bwh.harvard.edu
Cellular and Molecular Life Sciences, (1 Mar 2003) 60/3
(446-462).
Refs: 99
ISSN: 1420-682X CODEN: CMLSF1

COUNTRY: Switzerland
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 022 Human Genetics
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L9 ANSWER 16 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 2003-06276 BIOTECHDS
TITLE: RTKdb: database of receptor tyrosine kinase;
metazoon cellular process evolution and comparative study
and tyrosine-kinase receptor database
AUTHOR: GRASSOT J; MOUCHIROUD G; PERRIERE G
CORPORATE SOURCE: Univ Lyon 1; Univ Lyon 1
LOCATION: Grassot J, Univ Lyon 1, CNRS, UMR 5534, Ctr Genet Mol and
Cellulaire, 43 Bd 11 Novembre1918, F-69622 Villeurbanne,
France
SOURCE: NUCLEIC ACIDS RESEARCH; (2003) 31, 1, 353-358
ISSN: 0305-1048
DOCUMENT TYPE: Journal
LANGUAGE: English

L9 ANSWER 17 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:128287 BIOSIS
DOCUMENT NUMBER: PREV200300128287
TITLE: Functional characterization of Drosophila melanogaster PERK
eukaryotic initiation factor 2alpha (eIF2alpha)
kinase.
AUTHOR(S): Pomar, Natalia; Berlanga, Juan J.; Campuzano, Sonsoles;
Hernandez, Greco; Elias, Monica; de Haro, Cesar [Reprint
Author]
CORPORATE SOURCE: Centro de Biologia Molecular 'Severo Ochoa', Facultad de
Ciencias, CSIC-UAM, Cantoblanco, Madrid, 28049, Spain
cdeharo@cbm.uam.es
SOURCE: European Journal of Biochemistry, (January 2003) Vol. 270,
No. 2, pp. 293-306. print.
ISSN: 0014-2956 (ISSN print).
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 5 Mar 2003
Last Updated on STN: 5 Mar 2003

L9 ANSWER 18 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2003:629985 HCAPLUS
TITLE: Contrasts between farnesyl pyrophosphate feedback
inhibition of prokaryotic and **eukaryotic**
mevalonate kinase
AUTHOR(S): Miziorko, Henry M.; Voynova, Natalya
CORPORATE SOURCE: Biochemistry Department, Medical College of Wisconsin,
Milwaukee, WI, 53226, USA
SOURCE: Abstracts of Papers, 226th ACS National Meeting, New
York, NY, United States, September 7-11, 2003 (2003),
BIOL-117. American Chemical Society: Washington, D.
C.
CODEN: 69EKY9
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English

L9 ANSWER 19 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN

ACCESSION NUMBER: 2003:547600 BIOSIS
DOCUMENT NUMBER: PREV200300548488
TITLE: Contrasts between farnesyl pyrophosphate feedback inhibition of prokaryotic and **eukaryotic** mevalonate kinase.
AUTHOR(S): Miziorko, Henry M. [Reprint Author]; Voynova, Natalya
CORPORATE SOURCE: Biochemistry Department, Medical College of Wisconsin, 8701 Watertown Plank Rd., Milwaukee, WI, 53226, USA
SOURCE: Abstracts of Papers American Chemical Society, (2003) Vol. 226, No. 1-2, pp. BIOL 117. print.
Meeting Info.: 226th ACS (American Chemical Society)
National Meeting. New York, NY, USA. September 07-11, 2003.
American Chemical Society.
ISSN: 0065-7727 (ISSN print).
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 19 Nov 2003
Last Updated on STN: 19 Nov 2003

L9 ANSWER 20 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:531243 BIOSIS
DOCUMENT NUMBER: PREV200300533784
TITLE: Characterization of a novel eukaryotic-type signal transduction pathway in *Streptococcus agalactiae*.
AUTHOR(S): Rajagopal, L. [Reprint Author]; Rubens, C. E. [Reprint Author]
CORPORATE SOURCE: Childrens Hospital and Regional Medical Center, Seattle, WA, USA
SOURCE: Abstracts of the General Meeting of the American Society for Microbiology, (2003) Vol. 103, pp. H-137.
<http://www.asmusa.org/mtgsrc/generalmeeting.htm>. cd-rom.
Meeting Info.: 103rd American Society for Microbiology General Meeting. Washington, DC, USA. May 18-22, 2003.
American Society for Microbiology.
ISSN: 1060-2011 (ISSN print).
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 12 Nov 2003
Last Updated on STN: 12 Nov 2003

L9 ANSWER 21 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 2003-07405 BIOTECHDS
TITLE: Screening for constitutively activated mutants of the mitogen activated protein kinase (MAPK) pathway member, useful for screening drugs for treating e.g. cancer, by employing a mutant yeast strain devoid of an upstream kinase;
vector-mediated recombinant protein gene transfer and expression in bacterium, yeast, insect, bird, plant or mammal cell for use in therapy
AUTHOR: ENGELBERG D; BELL M; LEVITZKI A
PATENT ASSIGNEE: YISSUM RES DEV CO HEBREW UNIV JERUSALEM
PATENT INFO: WO 2002081746 17 Oct 2002
APPLICATION INFO: WO 2002-IL281 4 Apr 2002
PRIORITY INFO: IL 2001-142481 5 Apr 2001; IL 2001-142481 5 Apr 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-067522 [06]

L9 ANSWER 22 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 2002-17759 BIOTECHDS
TITLE: An isolated DNA sequence encoding a heme-regulated **eukaryotic** initiation factor 2-alpha kinase

used for inhibiting cell growth;
vector-mediated gene transfer and expression in
host cell for recombinant protein production and
gene therapy

PATENT ASSIGNEE: MASSACHUSETTS INST TECHNOLOGY
PATENT INFO: JP 2002119293 23 Apr 2002
APPLICATION INFO: JP 1992-245078 2 Mar 1992
PRIORITY INFO: JP 1992-245078 2 Mar 1992
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
OTHER SOURCE: WPI: 2002-475333 [51]

L9 ANSWER 23 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2002:937303 HCAPLUS
DOCUMENT NUMBER: 138:20443
TITLE: Endocrine disruptor screening using DNA chips of
endocrine disruptor-responsive genes
INVENTOR(S): Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi;
Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki,
Yuki; Kato, Ikuoshin
PATENT ASSIGNEE(S): Takara Bio Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 386 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002355079	A2	20021210	JP 2002-69354	20020313
PRIORITY APPLN. INFO.:			JP 2001-73183	A 20010314
			JP 2001-74993	A 20010315
			JP 2001-102519	A 20010330

L9 ANSWER 24 OF 120 MEDLINE on STN DUPLICATE 8
ACCESSION NUMBER: 2002696082 MEDLINE
DOCUMENT NUMBER: 22344732 PubMed ID: 12372837
TITLE: Phosphorylation of the catalytic subunit of protein kinase
A. Autophosphorylation versus phosphorylation by
phosphoinositide-dependent kinase-1.
AUTHOR: Moore Michael J; Kanter Joan R; Jones K C; Taylor Susan S
CORPORATE SOURCE: Howard Hughes Medical Institute and Department of Chemistry
and Biochemistry, University of California, San Diego, La
Jolla, California 92093-0654, USA.
CONTRACT NUMBER: DK07233 (NIDDK)
SOURCE: GM19301 (NIGMS)
JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Dec 6) 277 (49)
47878-84.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200302
ENTRY DATE: Entered STN: 20021217
Last Updated on STN: 20030205
Entered Medline: 20030204

L9 ANSWER 25 OF 120 MEDLINE on STN DUPLICATE 9
ACCESSION NUMBER: 2002279701 MEDLINE
DOCUMENT NUMBER: 22014057 PubMed ID: 11907036
TITLE: Dimerization and release of molecular chaperone inhibition
facilitate activation of eukaryotic initiation

AUTHOR: Ma Kun; Vattem Krishna M; Wek Ronald C
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis, Indiana 46202, USA.
CONTRACT NUMBER: R01GM49164 (NIGMS)
R01GM643540 (NIGMS)
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 May 24) 277 (21) 18728-35.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200206
ENTRY DATE: Entered STN: 20020522
Last Updated on STN: 20030105
Entered Medline: 20020624

L9 ANSWER 26 OF 120 MEDLINE on STN DUPLICATE 10
ACCESSION NUMBER: 2002270307 MEDLINE
DOCUMENT NUMBER: 21993146 PubMed ID: 11997520
TITLE: The PERK eukaryotic initiation factor 2 alpha kinase is required for the development of the skeletal system, postnatal growth, and the function and viability of the pancreas.
AUTHOR: Zhang Peichuan; McGrath Barbara; Li Sheng'ai; Frank Ami; Zambito Frank; Reinert Jamie; Gannon Maureen; Ma Kun; McNaughton Kelly; Cavener Douglas R
CORPORATE SOURCE: Department of Biology, The Pennsylvania State University, University Park, Pennsylvania 16802, USA.
CONTRACT NUMBER: GM56957 (NIGMS)
SOURCE: MOLECULAR AND CELLULAR BIOLOGY, (2002 Jun) 22 (11) 3864-74.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200206
ENTRY DATE: Entered STN: 20020516
Last Updated on STN: 20020611
Entered Medline: 20020606

L9 ANSWER 27 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
ACCESSION NUMBER: 2002:776056 SCISEARCH
THE GENUINE ARTICLE: 592VU
TITLE: Superantigen enhancement of specific immunity: Antibody production and signaling pathways
AUTHOR: Torres B A; Perrin G Q; Mujtaba M G; Subramaniam P S; Anderson A K; Johnson H M (Reprint)
CORPORATE SOURCE: Univ Florida, Dept Microbiol & Cell Sci, Box 110700, Gainesville, FL 32611 USA (Reprint); Univ Florida, Dept Microbiol & Cell Sci, Gainesville, FL 32611 USA
COUNTRY OF AUTHOR: USA
SOURCE: JOURNAL OF IMMUNOLOGY, (15 SEP 2002) Vol. 169, No. 6, pp. 2907-2914.
Publisher: AMER ASSOC IMMUNOLOGISTS, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814 USA.
ISSN: 0022-1767.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 27

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 28 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2002:921133 HCAPLUS
DOCUMENT NUMBER: 138:199895
TITLE: The Protein Kinase Complement of the Human Genome
AUTHOR(S): Manning, G.; Whyte, D. B.; Martinez, R.; Hunter, T.; Sudarsanam, S.
CORPORATE SOURCE: SUGEN Inc., South San Francisco, CA, 94080, USA
SOURCE: Science (Washington, DC, United States) (2002), 298(5600), 1912-1916, 1933-1934
CODEN: SCIEAS; ISSN: 0036-8075
PUBLISHER: American Association for the Advancement of Science
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 29 OF 120 MEDLINE on STN DUPLICATE 11
ACCESSION NUMBER: 2002371926 MEDLINE
DOCUMENT NUMBER: 22113261 PubMed ID: 12118091
TITLE: High expression of methionine aminopeptidase type 2 in germinal center B cells and their neoplastic counterparts.
AUTHOR: Kanno Takayuki; Endo Hideya; Takeuchi Kengo; Morishita Yasuyuki; Fukayama Masashi; Mori Shigeo
CORPORATE SOURCE: Division of Pathology, Institute of Medical Science, University of Tokyo, Tokyo, Japan.. jtakayuk-tky@umin.ac.jp
SOURCE: LABORATORY INVESTIGATION, (2002 Jul) 82 (7) 893-901.
Journal code: 0376617. ISSN: 0023-6837.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200208
ENTRY DATE: Entered STN: 20020716
Last Updated on STN: 20020809
Entered Medline: 20020808

L9 ANSWER 30 OF 120 MEDLINE on STN
ACCESSION NUMBER: 2002717797 MEDLINE
DOCUMENT NUMBER: 22367649 PubMed ID: 12479100
TITLE: Cloning, sequencing, expression, and primary identification of recombinant mouse protein kinase CK2 alpha subunit.
AUTHOR: Chen Xiao-wen; Liu Xin-guang; Zheng Ke-qin; Liang Nian-ci
CORPORATE SOURCE: Institute of Biochemistry and Molecular Biology, Guangdong Medical College, Zhanjiang, 524023, P. R. China.
SOURCE: Ai Zheng, (2002 Jul) 21 (7) 751-6.
Journal code: 9424852. ISSN: 1000-467X.
PUB. COUNTRY: China
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: Chinese
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20021218
Last Updated on STN: 20021231
Entered Medline: 20021230

L9 ANSWER 31 OF 120 MEDLINE on STN DUPLICATE 12
ACCESSION NUMBER: 2002122579 MEDLINE
DOCUMENT NUMBER: 21671479 PubMed ID: 11812127
TITLE: Deoxyribonucleoside kinases belonging to the thymidine kinase 2 (TK2)-like group vary significantly in substrate

AUTHOR: specificity, kinetics and feed-back regulation.
Knecht Wolfgang; Petersen Gitte Ebert; Munch-Petersen
Birgitte; Piskur Jure

CORPORATE SOURCE: Section of Molecular Microbiology, BioCentrum-DTU, Building
301, Technical University of Denmark, Lyngby, DK 2800,
Denmark.. wolfgang.knecht@biocentrum.dtu.dk

SOURCE: JOURNAL OF MOLECULAR BIOLOGY, (2002 Jan 25) 315 (4) 529-40.
Journal code: 2985088R. ISSN: 0022-2836.

PUB. COUNTRY: England: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-AU004826; GENBANK-AW159435

ENTRY MONTH: 200203

ENTRY DATE: Entered STN: 20020223
Last Updated on STN: 20020315
Entered Medline: 20020314

L9 ANSWER 32 OF 120 MEDLINE on STN

ACCESSION NUMBER: 2002194592 MEDLINE

DOCUMENT NUMBER: 21924789 PubMed ID: 11926986

TITLE: Phosphoinositide kinases as enzymes that produce versatile
signaling lipids, phosphoinositides.

AUTHOR: Kanaho Yasunori; Suzuki Teruhiko

CORPORATE SOURCE: Department of Pharmacology, The Tokyo Metropolitan
Institute of Medical Science, Honkomagome, Bunkyo-ku, Tokyo
113-8613, Japan.. ykanaho@rinshoken.or.jp

SOURCE: JOURNAL OF BIOCHEMISTRY, (2002 Apr) 131 (4) 503-9. Ref: 68
Journal code: 0376600. ISSN: 0021-924X.

PUB. COUNTRY: Japan

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200210

ENTRY DATE: Entered STN: 20020404
Last Updated on STN: 20021010
Entered Medline: 20021009

L9 ANSWER 33 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS
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ACCESSION NUMBER: 2002457551 EMBASE

TITLE: Lead exposure and heat shock inhibit cell proliferation in
human HeLa and K562 cells by inducing
expression and activity of the heme-regulated
eIF-2.alpha. kinase.

AUTHOR: Sarkar A.; Chattopadhyay S.; Kaul R.; Pal J.K.

CORPORATE SOURCE: J.K. Pal, Department of Biotechnology, Cell and Molec.
Biol. Research Lab., University of Pune, Pune 411 007,
India. jkpal@unipune.ernet.in

SOURCE: Journal of Biochemistry, Molecular Biology and Biophysics,
(2002) 6/6 (391-396).
Refs: 27
ISSN: 1025-8140 CODEN: JBMBF6

COUNTRY: United Kingdom

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 029 Clinical Biochemistry
052 Toxicology

LANGUAGE: English

SUMMARY LANGUAGE: English

L9 ANSWER 34 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:338391 BIOSIS

DOCUMENT NUMBER: PREV200300338391
TITLE: Pantothenate kinase as a target for new antimicrobial agents.
AUTHOR(S): Dunster, N. J. [Reprint Author]; Ali, S. T. [Reprint Author]; Tyler, P. D. [Reprint Author]; Gill, A. E. [Reprint Author]; Lewendon, A. [Reprint Author]
CORPORATE SOURCE: PanTherix Ltd, Glasgow, UK
SOURCE: Abstracts of the Interscience Conference on Antimicrobial Agents and Chemotherapy, (2002) Vol. 42, pp. 198. print.
Meeting Info.: 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy. San Diego, CA, USA. September 27-30, 2002. American Society for Microbiology.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 23 Jul 2003
Last Updated on STN: 23 Jul 2003

L9 ANSWER 35 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN DUPLICATE 13
ACCESSION NUMBER: 2002:666645 SCISEARCH
THE GENUINE ARTICLE: 580DX
TITLE: Molecular cloning and sequencing of the human heme-regulated eukaryotic initiation factor 2 alpha (eIF-2 alpha) kinase from bone marrow culture
AUTHOR: Omasa T; Chen Y G; Mantalaris A; Tsai Y C; Wu J H D (Reprint)
CORPORATE SOURCE: Univ Rochester, Dept Chem Engn, 206 Gavett Hall, Rochester, NY 14627 USA (Reprint); Univ Rochester, Dept Chem Engn, Rochester, NY 14627 USA; Univ Rochester, Dept Pathol, Rochester, NY 14627 USA
COUNTRY OF AUTHOR: USA
SOURCE: DNA SEQUENCE, (JUN 2002) Vol. 13, No. 3, pp. 133-137.
Publisher: HARWOOD ACAD PUBL GMBH, TAYLOR & FRANCIS GROUP, 325 CHESTNUT ST, 8TH FL, PHILADELPHIA, PA 19106 USA.
ISSN: 1042-5179.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 18
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 36 OF 120 MEDLINE on STN DUPLICATE 14
ACCESSION NUMBER: 2002399996 MEDLINE
DOCUMENT NUMBER: 22143972 PubMed ID: 12149123
TITLE: The haem-regulated eukaryotic initiation factor 2alpha kinase: a molecular indicator of lead-toxicity anaemia in rabbits.
AUTHOR: Anand Sanjay; Pal Jayanta K
CORPORATE SOURCE: Department of Biotechnology, University of Pune, Pune-411 007, India.
SOURCE: BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, (2002 Aug) 36 (Pt 1) 57-62.
Journal code: 8609465. ISSN: 0885-4513.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200301
ENTRY DATE: Entered STN: 20020801
Last Updated on STN: 20030128
Entered Medline: 20030127

L9 ANSWER 37 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2003:154590 BIOSIS

DOCUMENT NUMBER: PREV200300154590
TITLE: Two Forms of the Large Tumor Suppressor Gene (lats1)
Protein **Expressed** in the Vertebrate Retina.
AUTHOR(S): Akhmedov, N. B. [Reprint Author]; Yamashita, C. K. [Reprint Author]; Reid, S. N. M. [Reprint Author]; Piriev, N. I. [Reprint Author]; Acland, G. M.; Aguirre, G. D.; Farber, D. B. [Reprint Author]
CORPORATE SOURCE: JSEI-UCLA, Los Angeles, CA, USA
SOURCE: ARVO Annual Meeting Abstract Search and Program Planner, (2002) Vol. 2002, pp. Abstract No. 2420. cd-rom.
Meeting Info.: Annual Meeting of the Association For Research in Vision and Ophthalmology. Fort Lauderdale, Florida, USA. May 05-10, 2002.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 26 Mar 2003
Last Updated on STN: 26 Mar 2003

L9 ANSWER 38 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 2002:519087 BIOSIS
DOCUMENT NUMBER: PREV200200519087
TITLE: Role of Helicobacter pylori **eukaryotic-like kinase** (HP0432) and threonine phosphatase (HP0431) genes in the induction of apoptosis in gastric epithelial cells.
AUTHOR(S): Croitoru, Ken [Reprint author]; Wang, Yu-Fa; D'Elia, Michael; Borojevic, Rajka; Lipson, David; Zhou, Pengfei; Sherman, Phil; Day, Andrew; Brown, Eric D.
CORPORATE SOURCE: Hamilton, ON, Canada
SOURCE: Gastroenterology, (April, 2002) Vol. 122, No. 4 Suppl. 1, pp. A-223. print.
Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the American Gastroenterological Association. San Francisco, CA, USA. May 19-22, 2002.
CODEN: GASTAB. ISSN: 0016-5085.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 9 Oct 2002
Last Updated on STN: 9 Oct 2002

L9 ANSWER 39 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 2002-05429 BIOTECHDS
TITLE: New mutated **eukaryotic** initiation factor 2 alpha kinase 3 genes and polypeptides in patients with Wolcott-Rallison syndrome, useful for preventing or treating e.g. diabetes, osteoporosis, arthritis or mental retardation; involving vector-mediated gene transfer for expression in host cell, for use in drug screening, disease diagnosis, prevention, therapy and gene therapy
AUTHOR: JULIER C; DELEPINE M; NICOLINO M
PATENT ASSIGNEE: INSERM INST NAT SANTE and RECH MEDICALE; CENT NAT GENOTYPAGE
PATENT INFO: WO 2001090371 29 Nov 2001
APPLICATION INFO: WO 2000-IB1153 23 May 2000
PRIORITY INFO: EP 2000-402707 2 Oct 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-122021 [16]

L9 ANSWER 40 OF 120 MEDLINE on STN
ACCESSION NUMBER: 2001252565 MEDLINE
DOCUMENT NUMBER: 21248791 PubMed ID: 11350982

TITLE: Budding yeast GCN1 binds the GI domain to activate the eIF2alpha kinase GCN2.
AUTHOR: Kubota H; Ota K; Sakaki Y; Ito T
CORPORATE SOURCE: Division of Genome Biology, Cancer Research Institute, Kanazawa University, 13-1 Takaramachi, Kanazawa 920-0934, Japan.
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 May 18) 276 (20) 17591-6.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200107
ENTRY DATE: Entered STN: 20010709
Last Updated on STN: 20030204
Entered Medline: 20010705

L9 ANSWER 41 OF 120 MEDLINE on STN
ACCESSION NUMBER: 2001370800 MEDLINE
DOCUMENT NUMBER: 21226724 PubMed ID: 11278914
TITLE: The heme-regulated eukaryotic initiation factor 2alpha kinase. A potential regulatory target for control of protein synthesis by diffusible gases.
AUTHOR: Uma S; Yun B G; Matts R L
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Oklahoma State University, Stillwater, Oklahoma 74078, USA.
CONTRACT NUMBER: ES-04299 (NIEHS)
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 May 4) 276 (18) 14875-83.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200106
ENTRY DATE: Entered STN: 20010702
Last Updated on STN: 20030105
Entered Medline: 20010628

L9 ANSWER 42 OF 120 MEDLINE on STN
ACCESSION NUMBER: 2001504158 MEDLINE
DOCUMENT NUMBER: 21437970 PubMed ID: 11526204
TITLE: Receptor-like kinases from Arabidopsis form a monophyletic gene family related to animal receptor kinases.
AUTHOR: Shiu S H; Bleecker A B
CORPORATE SOURCE: Department of Botany, University of Wisconsin, Madison, WI 53706, USA.
SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2001 Sep 11) 98 (19) 10763-8.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200111
ENTRY DATE: Entered STN: 20010913
Last Updated on STN: 20030105
Entered Medline: 20011101

L9 ANSWER 43 OF 120 MEDLINE on STN DUPLICATE 16
ACCESSION NUMBER: 2001392739 MEDLINE
DOCUMENT NUMBER: 21340269 PubMed ID: 11447118
TITLE: The Hsp90 chaperone complex is both a facilitator and a

AUTHOR: repressor of the dsRNA-dependent kinase PKR.
CORPORATE SOURCE: Donze O; Abbas-Terki T; Picard D
Departement de Biologie Cellulaire, Universite de Geneve,
Sciences III, 30 quai Ernest-Ansermet, CH-1211 Geneve 4,
Switzerland.. Donze@cellbio.unige.ch
SOURCE: EMBO JOURNAL, (2001 Jul 16) 20 (14) 3771-80.
Journal code: 8208664. ISSN: 0261-4189.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200108
ENTRY DATE: Entered STN: 20010827
Last Updated on STN: 20010827
Entered Medline: 20010823

L9 ANSWER 44 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 2001041730 EMBASE
TITLE: The mitogen-activated protein kinase signal-integrating kinase Mnk2 is a eukaryotic initiation factor 4E kinase with high levels of basal activity in mammalian cells.
AUTHOR: Schepher G.C.; Morrice N.A.; Kleijn M.; Proud C.G.
CORPORATE SOURCE: C.G. Proud, School of Life Sciences, MSI/WTB Complex, University of Dundee, Dow St., Dundee DD1 5EH, United Kingdom. c.g.proud@dundee.ac.uk
SOURCE: Molecular and Cellular Biology, (2001) 21/3 (743-754).
Refs: 40
ISSN: 0270-7306 CODEN: MCEBD4
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L9 ANSWER 45 OF 120 MEDLINE on STN

ACCESSION NUMBER: 2001266070 MEDLINE
DOCUMENT NUMBER: 21257066 PubMed ID: 11357414
TITLE: [Novel type of signaling molecules: protein kinases covalently linked to ion channels].
Signal'nye molekuly novogo tipa: proteinkinazy, kovalentno sviazannye s ionnymi kanalami.
AUTHOR: Riazanova L V; Pavur K S; Petrov A N; Dorovkov M V;
Riazanov A G
CORPORATE SOURCE: Department of Pharmacology, University of Medicine & Dentistry of New Jersey, Robert Wood Johnson Medical School, Piscataway, NJ 08854, USA.
CONTRACT NUMBER: CA-81102 (NCI)
GM-57300 (NIGMS)
SOURCE: MOLEKULIARNAIA BIOLOGIIA, (2001 Mar-Apr) 35 (2) 321-32.
Journal code: 0105454. ISSN: 0026-8984.
PUB. COUNTRY: Russia: Russian Federation
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: Russian
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200108
ENTRY DATE: Entered STN: 20010806
Last Updated on STN: 20020216
Entered Medline: 20010802

L9 ANSWER 46 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN DUPLICATE

17

ACCESSION NUMBER: 2001:413956 SCISEARCH

THE GENUINE ARTICLE: 430YB
TITLE: Novel type of signaling molecules: Protein kinases covalently linked with ion channels
AUTHOR: Ryazanova L V (Reprint); Pavur K S; Petrov A N; Dorovkov M V; Ryazanov A G
CORPORATE SOURCE: Univ Med & Dent New Jersey, Robert Wood Johnson Med Sch, Dept Pharmacol, Piscataway, NJ 08854 USA (Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: MOLECULAR BIOLOGY, (MAR-APR 2001) Vol. 35, No. 2, pp. 271-283.
Publisher: CONSULTANTS BUREAU, 233 SPRING ST, NEW YORK, NY 10013 USA.
ISSN: 0026-8933.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 44
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 47 OF 120 MEDLINE on STN DUPLICATE 18
ACCESSION NUMBER: 2001357465 MEDLINE
DOCUMENT NUMBER: 21311381 PubMed ID: 11418192
TITLE: Identification and cloning of Lmairk, a member of the Aurora/Ipl1p protein kinase family, from the human protozoan parasite Leishmania.
AUTHOR: Siman-Tov M M; Ivens A C; Jaffe C L
CORPORATE SOURCE: Department of Parasitology, Hebrew University, Hadassah Medical School, Jerusalem, Israel.
SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA, (2001 Jun 28) 1519 (3) 241-5.
Journal code: 0217513. ISSN: 0006-3002.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U91744
ENTRY MONTH: 200108
ENTRY DATE: Entered STN: 20010813
Last Updated on STN: 20010813
Entered Medline: 20010809

L9 ANSWER 48 OF 120 MEDLINE on STN DUPLICATE 19
ACCESSION NUMBER: 2001325766 MEDLINE
DOCUMENT NUMBER: 21225015 PubMed ID: 11325608
TITLE: Characterization of mevalonate kinase V377I, a mutant implicated in defective isoprenoid biosynthesis and HIDS/periodic fever syndrome.
AUTHOR: Rios S E; Cho Y K; Miziorko H M
CORPORATE SOURCE: Biochemistry Department, Medical College of Wisconsin, Milwaukee, WI 53226, USA.
CONTRACT NUMBER: DK53766 (NIDDK)
SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA, (2001 Apr 30) 1531 (3) 165-8.
Journal code: 0217513. ISSN: 0006-3002.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: OMIM-260920
ENTRY MONTH: 200106
ENTRY DATE: Entered STN: 20010611
Last Updated on STN: 20010611
Entered Medline: 20010607

ACCESSION NUMBER: 2001:244975 BIOSIS
DOCUMENT NUMBER: PREV200100244975
TITLE: Novel protein kinases fused to ion channels.
AUTHOR(S): Ryazanov, Alexey G. [Reprint author]; Pavur, Karen S. [Reprint author]; Petrov, Alexey N. [Reprint author]; Dorovkov, Maxim V. [Reprint author]; Ryazanov, Lillia V. [Reprint author]
CORPORATE SOURCE: R. W. Johnson Medical School, 675 Hoes Lane, Piscataway, NJ, 08854, USA
SOURCE: FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A9. print.
Meeting Info.: Annual Meeting of the Federation of American Societies for Experimental Biology on Experimental Biology 2001. Orlando, Florida, USA. March 31-April 04, 2001.
CODEN: FAJOEC. ISSN: 0892-6638.
DOCUMENT TYPE: Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LANGUAGE: English
ENTRY DATE: Entered STN: 23 May 2001
Last Updated on STN: 19 Feb 2002

L9 ANSWER 50 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2000:784328 HCPLUS
DOCUMENT NUMBER: 133:345599
TITLE: Molecules of the **human** KID-1-related serine/threonine protein kinase family and their uses
INVENTOR(S): Kapeller, Rosana
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
SOURCE: U.S., 39 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6143540	A	20001107	US 1999-237543	19990126
US 6383791	B1	20020507	US 2000-644450	20000823
US 2002115120	A1	20020822	US 2001-971791	20011004
PRIORITY APPLN. INFO.:			US 1999-237543	A3 19990126
			US 2000-644450	A2 20000823

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 51 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2000:324407 HCPLUS
DOCUMENT NUMBER: 133:146862
TITLE: The **human** nm23-H4 gene product is a mitochondrial nucleoside diphosphate kinase
AUTHOR(S): Milon, Laurence; Meyer, Philippe; Chiadmi, Mohamed; Munier, Annie; Johansson, Magnus; Karlsson, Anna; Lascu, Ioan; Capeau, Jacqueline; Janin, Joel; Lacombe, Marie-Lise
CORPORATE SOURCE: INSERM U402, Faculte de Medecine Saint-Antoine, Paris, 75012, Fr.
SOURCE: Journal of Biological Chemistry (2000), 275(19), 14264-14272
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 52 OF 120 MEDLINE on STN DUPLICATE 20
ACCESSION NUMBER: 2001028731 MEDLINE
DOCUMENT NUMBER: 20471916 PubMed ID: 11015200
TITLE: Mapping the functional domains of elongation factor-2 kinase.
AUTHOR: Pavur K S; Petrov A N; Ryazanov A G
CORPORATE SOURCE: Department of Pharmacology, University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School, 675 Hoes Lane, Piscataway, New Jersey 08854, USA.
CONTRACT NUMBER: CA-81102 (NCI)
GM-57300 (NIGMS)
SOURCE: BIOCHEMISTRY, (2000 Oct 10) 39 (40) 12216-24.
Journal code: 0370623. ISSN: 0006-2960.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200011
ENTRY DATE: Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20001121

L9 ANSWER 53 OF 120 MEDLINE on STN DUPLICATE 21
ACCESSION NUMBER: 2001095466 MEDLINE
DOCUMENT NUMBER: 20485742 PubMed ID: 11029659
TITLE: Identification and characterization of **human Wee1B**, a new member of the Wee1 family of Cdk-inhibitory kinases.
AUTHOR: Nakanishi M; Ando H; Watanabe N; Kitamura K; Ito K; Okayama H; Miyamoto T; Agui T; Sasaki M
CORPORATE SOURCE: Department of Biochemistry, Center for Experimental Animal Science, Nagoya City University Medical School, 1 Kawasumi, Mizuho-cho, Mizuho-ku, Nagoya 467-8601, Japan..
mkt-naka@med.nagoya-cu.ac.jp
SOURCE: GENES TO CELLS, (2000 Oct) 5 (10) 839-47.
Journal code: 9607379. ISSN: 1356-9597.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200102
ENTRY DATE: Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20010201

L9 ANSWER 54 OF 120 MEDLINE on STN DUPLICATE 22
ACCESSION NUMBER: 2001303487 MEDLINE
DOCUMENT NUMBER: 20550853 PubMed ID: 11101152
TITLE: Cloning of hHRI, **human** heme-regulated eukaryotic initiation factor 2alpha kinase : down-regulated in epithelial ovarian cancers.
AUTHOR: Hwang S Y; Kim M K; Kim J C
CORPORATE SOURCE: Department of Immunology, Kyungpook National University School of Medicine, Taegu, Korea.
SOURCE: MOLECULES AND CELLS, (2000 Oct 31) 10 (5) 584-91.
Journal code: 9610936. ISSN: 1016-8478.
PUB. COUNTRY: KOREA (SOUTH)
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200105
ENTRY DATE: Entered STN: 20010604

Last Updated on STN: 20010604
Entered Medline: 20010531

L9 ANSWER 55 OF 120 MEDLINE on STN DUPLICATE 23
ACCESSION NUMBER: 2000143423 MEDLINE
DOCUMENT NUMBER: 20143423 PubMed ID: 10677345
TITLE: Pancreatic eukaryotic initiation factor-2alpha kinase (PEK) homologues in humans, Drosophila melanogaster and Caenorhabditis elegans that mediate translational control in response to endoplasmic reticulum stress.
AUTHOR: Sood R; Porter A C; Ma K; Quilliam L A; Wek R C
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis, IN 46202, USA.
CONTRACT NUMBER: GM49164 (NIGMS)
SOURCE: BIOCHEMICAL JOURNAL, (2000 Mar 1) 346 Pt 2 281-93.
Journal code: 2984726R. ISSN: 0264-6021.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF193339; GENBANK-AF193340; GENBANK-AF193341
ENTRY MONTH: 200004
ENTRY DATE: Entered STN: 20000505
Last Updated on STN: 20000505
Entered Medline: 20000425

L9 ANSWER 56 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 1999-13271 BIOTECHDS
TITLE: Novel rat and human pancreatic eukaryotic translation initiation factor-2-alpha-kinase useful for drug discovery and development; recombinant protein production via vector plasmid-mediated gene transfer and expression in Spodoptera frugiperda Sf9 insect cell culture
AUTHOR: Shi Y
PATENT ASSIGNEE: Lilly
LOCATION: Indianapolis, IN, USA.
PATENT INFO: WO 9938994 5 Aug 1999
APPLICATION INFO: WO 1999-US623 12 Jan 1999
PRIORITY INFO: US 1998-109992 25 Nov 1998; US 1998-73031 29 Jan 1998
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 1999-469338 [39]

L9 ANSWER 57 OF 120 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN
ACCESSION NUMBER: 1999-07372 BIOTECHDS
TITLE: New growth factor receptor-bound protein; human recombinant protein-tyrosine- kinase receptor preparation, used for disease diagnosis, drug screening and cancer therapy
AUTHOR: Schlessinger J; Skolnik E Y; Margolis B L; App H
PATENT ASSIGNEE: Univ.New-York
LOCATION: New York, NY, USA.
PATENT INFO: US 5889150 30 Mar 1999
APPLICATION INFO: US 1994-252820 2 Jun 1994
PRIORITY INFO: US 1994-252820 2 Jun 1994
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 1999-243285 [20]

L9 ANSWER 58 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1999:223020 HCPLUS
DOCUMENT NUMBER: 130:264049

TITLE: Human Ste20-like stress-activated serine/threonine kinase
 INVENTOR(S): Moore, William Craig; Norris, Tyrell Errick;
 Silberstein, David Shay
 PATENT ASSIGNEE(S): Zeneca Limited, UK
 SOURCE: PCT Int. Appl., 85 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9915635	A1	19990401	WO 1998-GB2825	19980917
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6265560	B1	20010724	US 1998-152406	19980914
AU 9891726	A1	19990412	AU 1998-91726	19980917
EP 1015566	A1	20000705	EP 1998-944048	19980917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001517430	T2	20011009	JP 2000-512928	19980917
US 2002132296	A1	20020919	US 2001-906397	20010716
PRIORITY APPLN. INFO.:			GB 1997-19920	A 19970919
			US 1998-152406	A3 19980914
			WO 1998-GB2825	W 19980917

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 59 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1999:139988 HCPLUS
 DOCUMENT NUMBER: 130:205104
 TITLE: Elongation factor-2 kinase (EF-2 kinase) and methods for antitumor and antiproliferative drug screening therewith
 INVENTOR(S): Ryazanov, Alexey G.; Hait, William N.; Pavur, Karen S.
 PATENT ASSIGNEE(S): University of Medicine and Dentistry, USA
 SOURCE: PCT Int. Appl., 146 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9909199	A2	19990225	WO 1998-US17272	19980820
WO 9909199	A3	19990603		
W: AU, CA, JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 6346406	B1	20020212	US 1997-914999	19970820
CA 2301801	AA	19990225	CA 1998-2301801	19980820
AU 9891100	A1	19990308	AU 1998-91100	19980820
EP 1060260	A2	20001220	EP 1998-943271	19980820
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, FI				
JP 2002505842	T2	20020226	JP 2000-509861	19980820

US 2002142429 A1 20021003 US 2001-994485 20011127
PRIORITY APPLN. INFO.: US 1997-914999 A2 19970820
WO 1998-US17272 W 19980820

L9 ANSWER 60 OF 120 MEDLINE on STN
ACCESSION NUMBER: 2000011422 MEDLINE
DOCUMENT NUMBER: 20011422 PubMed ID: 10542257
TITLE: The interferon-induced double-stranded RNA-activated protein kinase PKR will phosphorylate serine, threonine, or tyrosine at residue 51 in eukaryotic initiation factor 2alpha.
AUTHOR: Lu J; O'Hara E B; Trieselmann B A; Romano P R; Dever T E
CORPORATE SOURCE: Laboratory of Eukaryotic Gene Regulation, NICHD, National Institutes of Health, Bethesda, Maryland 20892-2716, USA.
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Nov 5) 274 (45) 32198-203.
PUB. COUNTRY: Journal code: 2985121R. ISSN: 0021-9258.
DOCUMENT TYPE: United States
LANGUAGE: Journal; Article; (JOURNAL ARTICLE)
FILE SEGMENT: English
ENTRY MONTH: Priority Journals
ENTRY DATE: 199912
Entered STN: 20000113
Last Updated on STN: 20000113
Entered Medline: 19991213

L9 ANSWER 61 OF 120 MEDLINE on STN DUPLICATE 26
ACCESSION NUMBER: 1999321886 MEDLINE
DOCUMENT NUMBER: 99321886 PubMed ID: 10391900
TITLE: Single strand DNA specificity analysis of **human** nucleoside diphosphate kinase B.
AUTHOR: Agou F; Raveh S; Mesnildrey S; Veron M
CORPORATE SOURCE: Unite de Regulation Enzymatique des Activites Cellulaires, Institut Pasteur, CNRS-URA 1773, 25 rue du Docteur Roux 75724, Paris cedex 15, France.
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Jul 9) 274 (28) 19630-8.
PUB. COUNTRY: Journal code: 2985121R. ISSN: 0021-9258.
DOCUMENT TYPE: United States
LANGUAGE: Journal; Article; (JOURNAL ARTICLE)
FILE SEGMENT: English
ENTRY MONTH: Priority Journals
ENTRY DATE: 199908
Entered STN: 19990816
Last Updated on STN: 19990816
Entered Medline: 19990805

L9 ANSWER 62 OF 120 MEDLINE on STN DUPLICATE 27
ACCESSION NUMBER: 2000002541 MEDLINE
DOCUMENT NUMBER: 20002541 PubMed ID: 10531215
TITLE: Expression and characterization of the Mycobacterium tuberculosis serine/threonine protein kinase PknB.
AUTHOR: Av-Gay Y; Jamil S; Drews S J
CORPORATE SOURCE: Department of Medicine, Division of Infectious Diseases, University of British Columbia, Vancouver, British Columbia, Canada V5Z 3J5.. yossi@interchange.ubc.ca
SOURCE: INFECTION AND IMMUNITY, (1999 Nov) 67 (11) 5676-82.
PUB. COUNTRY: Journal code: 0246127. ISSN: 0019-9567.
DOCUMENT TYPE: United States
LANGUAGE: Journal; Article; (JOURNAL ARTICLE)
FILE SEGMENT: English
ENTRY MONTH: Priority Journals
199911

ENTRY DATE: Entered STN: 20000111
Last Updated on STN: 20000111
Entered Medline: 19991116

L9 ANSWER 63 OF 120 MEDLINE on STN
ACCESSION NUMBER: 2000090459 MEDLINE
DOCUMENT NUMBER: 20090459 PubMed ID: 10627033
TITLE: Sequences and evolutionary analyses of eukaryotic
-type protein kinases from Streptomyces
coelicolor A3(2).
AUTHOR: Ogawara H; Aoyagi N; Watanabe M; Urabe H
CORPORATE SOURCE: Department of Biochemistry, Meiji Pharmaceutical
University, Kiyose, Tokyo, Japan.. hogawara@my-pharm.ac.jp
SOURCE: MICROBIOLOGY, (1999 Dec) 145 (Pt 12) 3343-52.
Journal code: 9430468. ISSN: 1350-0872.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals; Space Life Sciences
OTHER SOURCE: GENBANK-AB016932; GENBANK-AB018799; GENBANK-AB019394;
GENBANK-AB021679

ENTRY MONTH: 200002
ENTRY DATE: Entered STN: 20000229
Last Updated on STN: 20000229
Entered Medline: 20000217

L9 ANSWER 64 OF 120 MEDLINE on STN
ACCESSION NUMBER: 1999173898 MEDLINE
DOCUMENT NUMBER: 99173898 PubMed ID: 10074068
TITLE: Sequence of Shiga toxin 2 phage 933W from Escherichia coli
O157:H7: Shiga toxin as a phage late-gene product.
AUTHOR: Plunkett G 3rd; Rose D J; Durfee T J; Blattner F R
CORPORATE SOURCE: Laboratory of Genetics, University of Wisconsin, Madison,
Wisconsin 53706, USA.
CONTRACT NUMBER: AI41329-01 (NIAID)
SOURCE: JOURNAL OF BACTERIOLOGY, (1999 Mar) 181 (6) 1767-78.
Journal code: 2985120R. ISSN: 0021-9193.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF125520
ENTRY MONTH: 199904
ENTRY DATE: Entered STN: 19990420
Last Updated on STN: 19990420
Entered Medline: 19990407

L9 ANSWER 65 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2000:22282 HCPLUS
DOCUMENT NUMBER: 132:192739
TITLE: Up-regulation of phosphatidylinositol 3-kinase in
psoriatic lesions
AUTHOR(S): Zhang, Xiaoyan; Liu, Huitu; Ma, Shengqing
CORPORATE SOURCE: Dep. Biology, Beijing Normal Univ., Beijing, 100875,
Peop. Rep. China
SOURCE: Chinese Medical Journal (Beijing, English Edition)
(1999), 112(12), 1097-1100
CODEN: CMJODS; ISSN: 0366-6999
PUBLISHER: Chinese Medical Association
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 66 OF 120 MEDLINE on STN DUPLICATE 28
ACCESSION NUMBER: 1999435990 MEDLINE
DOCUMENT NUMBER: 99435990 PubMed ID: 10504407
TITLE: Characterization of a mammalian homolog of the GCN2 eukaryotic initiation factor 2alpha kinase

AUTHOR: Berlanga J J; Santoyo J; De Haro C
CORPORATE SOURCE: Centro de Biología Molecular 'Severo Ochoa', Consejo Superior de Investigaciones Científicas, Universidad Autónoma de Madrid, Spain.
SOURCE: EUROPEAN JOURNAL OF BIOCHEMISTRY, (1999 Oct) 265 (2) 754-62.
PUB. COUNTRY: Journal code: 0107600. ISSN: 0014-2956.
GERMANY: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AJ243428; GENBANK-AJ243533
ENTRY MONTH: 199911
ENTRY DATE: Entered STN: 20000111
Last Updated on STN: 20000124
Entered Medline: 19991122

L9 ANSWER 67 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 1999:526214 BIOSIS
DOCUMENT NUMBER: PREV199900526214
TITLE: Striking multiplicity of eIF4E-BP1 phosphorylated isoforms identified by 2D gel electrophoresis. Regulation by heat shock.

AUTHOR(S): Duncan, Roger F. [Reprint author]; Song, Hyun-Joo P.
CORPORATE SOURCE: Department of Molecular Microbiology and Immunology, School of Medicine, 1985 Zonal Avenue, Los Angeles, CA, USA
SOURCE: European Journal of Biochemistry, (Oct., 1999) Vol. 265, No. 2, pp. 728-743. print.
CODEN: EJBCAI. ISSN: 0014-2956.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 10 Dec 1999
Last Updated on STN: 5 Jun 2000

L9 ANSWER 68 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
ACCESSION NUMBER: 1999:928040 SCISEARCH
THE GENUINE ARTICLE: 259NC
TITLE: Protein synthesis inhibition by flavonoids: Roles of eukaryotic initiation factor 2 alpha kinases

AUTHOR: Ito T (Reprint); Warnken S P; May W S
CORPORATE SOURCE: UNIV TEXAS, MED BRANCH, DEPT INTERNAL MED, SEALY CTR ONCOL & HEMATOL, GALVESTON, TX 77555 (Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (19 NOV 1999) Vol. 265, No. 2, pp. 589-594.
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495.
ISSN: 0006-291X.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 29

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 69 OF 120 MEDLINE on STN DUPLICATE 29
ACCESSION NUMBER: 1999381535 MEDLINE
DOCUMENT NUMBER: 99381535 PubMed ID: 10453732

TITLE: NME6: a new member of the nm23/nucleoside diphosphate kinase gene family located on **human** chromosome 3p21.3.

AUTHOR: Mehus J G; Deloukas P; Lambeth D O

CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, University of North Dakota School of Medicine and Health Sciences, Grand Forks 58202, USA.

CONTRACT NUMBER: GM54260 (NIGMS)

SOURCE: HUMAN GENETICS, (1999 Jun) 104 (6) 454-9.
Journal code: 7613873. ISSN: 0340-6717.

PUB. COUNTRY: GERMANY: Germany, Federal Republic of

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-AF051941; GENBANK-AF051942; GENBANK-AF051943

ENTRY MONTH: 199909

ENTRY DATE: Entered STN: 19990913
Last Updated on STN: 19990913
Entered Medline: 19990902

L9 ANSWER 70 OF 120 MEDLINE on STN DUPLICATE 30

ACCESSION NUMBER: 2000064973 MEDLINE

DOCUMENT NUMBER: 20064973 PubMed ID: 10598103

TITLE: Specific in vitro phosphorylation of plant eIF2alpha by **eukaryotic** eIF2alpha kinases.

AUTHOR: Chang L Y; Yang W Y; Browning K; Roth D

CORPORATE SOURCE: Department of Molecular Biology, University of Wyoming, Laramie 82071-3354, USA.

SOURCE: PLANT MOLECULAR BIOLOGY, (1999 Oct) 41 (3) 363-70.
Journal code: 9106343. ISSN: 0167-4412.

PUB. COUNTRY: Netherlands

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200001

ENTRY DATE: Entered STN: 20000124
Last Updated on STN: 20000124
Entered Medline: 20000111

L9 ANSWER 71 OF 120 MEDLINE on STN

ACCESSION NUMBER: 1999111235 MEDLINE

DOCUMENT NUMBER: 99111235 PubMed ID: 9889150

TITLE: Aminoglycoside antibiotic phosphotransferases are also serine protein kinases.

AUTHOR: Daigle D M; McKay G A; Thompson P R; Wright G D

CORPORATE SOURCE: Department of Biochemistry, McMaster University, Hamilton, Ontario, Canada.

SOURCE: CHEMISTRY AND BIOLOGY, (1999 Jan) 6 (1) 11-8.
Journal code: 9500160. ISSN: 1074-5521.

PUB. COUNTRY: ENGLAND: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199903

ENTRY DATE: Entered STN: 19990316
Last Updated on STN: 19990316
Entered Medline: 19990301

L9 ANSWER 72 OF 120 MEDLINE on STN DUPLICATE 31

ACCESSION NUMBER: 1999192209 MEDLINE

DOCUMENT NUMBER: 99192209 PubMed ID: 10094386

TITLE: CK2, a protein kinase of the next millennium.

AUTHOR: Dobrowolska G; Lozman F J; Li D; Krebs E G

CORPORATE SOURCE: Department of Pharmacology, University of Washington,

CONTRACT NUMBER: Seattle 98195, USA.
 DK42528 (NIDDK)
 SOURCE: MOLECULAR AND CELLULAR BIOCHEMISTRY, (1999 Jan) 191 (1-2)
 3-12.
 Journal code: 0364456. ISSN: 0300-8177.
 PUB. COUNTRY: Netherlands
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199904
 ENTRY DATE: Entered STN: 19990511
 Last Updated on STN: 20020420
 Entered Medline: 19990429

L9 ANSWER 73 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1998:352876 HCAPLUS
 DOCUMENT NUMBER: 129:50514
 TITLE: Mammalian receptor tyrosine kinase genes
 INVENTOR(S): Joho, Keith E.; Plowman, Gregory D.
 PATENT ASSIGNEE(S): Sugen, Inc., USA
 SOURCE: PCT Int. Appl., 87 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9822507	A2	19980528	WO 1997-US22526	19971121
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9873009	A1	19980610	AU 1998-73009	19971121
EP 942934	A2	19990922	EP 1997-949790	19971121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
US 6136581	A	20001024	US 1997-976255	19971121
JP 2001504349	T2	20010403	JP 1998-524021	19971121
PRIORITY APPLN. INFO.:			US 1996-31675P P	19961122
			WO 1997-US22526 W	19971121

L9 ANSWER 74 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS
 RESERVED. on STN
 ACCESSION NUMBER: 1999134375 EMBASE
 TITLE: Characterization of the hemin-sensitive eukaryotic
 initiation factor 2.alpha. kinase from mouse
 nonerythroid cells.
 AUTHOR: Berlanga J.J.; Herrero S.; De Haro C.
 CORPORATE SOURCE: C. De Haro, Ctro. de Biol. Molec. 'Severo Ochoa', Consejo
 Superior de Investig. Cien., Universidad Autonoma de
 Madrid, Canto Blanco, 28049 Madrid, Spain.
 cdeharo@cbm.uam.es
 SOURCE: Journal of Biological Chemistry, (27 Nov 1999) 273/48
 (32340-32346).
 Refs: 31
 ISSN: 0021-9258 CODEN: JBCHA3
 COUNTRY: United States
 DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L9 ANSWER 75 OF 120 MEDLINE on STN DUPLICATE 32
ACCESSION NUMBER: 1998208510 MEDLINE
DOCUMENT NUMBER: 98208510 PubMed ID: 9539707
TITLE: Disruption of cellular translational control by a viral truncated eukaryotic translation initiation factor 2alpha kinase homolog.
AUTHOR: Dever T E; Sripriya R; McLachlin J R; Lu J; Fabian J R; Kimball S R; Miller L K
CORPORATE SOURCE: Laboratory of Eukaryotic Gene Regulation, National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, MD 20892-2716, USA.. tdever@box-t.nih.gov
CONTRACT NUMBER: AI23719 (NIAID)
DK13499 (NIDDK)
SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Apr 14) 95 (8) 4164-9.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199805
ENTRY DATE: Entered STN: 19980520
Last Updated on STN: 20000303
Entered Medline: 19980513

L9 ANSWER 76 OF 120 MEDLINE on STN
ACCESSION NUMBER: 1998187648 MEDLINE
DOCUMENT NUMBER: 98187648 PubMed ID: 9528799
TITLE: Autophosphorylation in the activation loop is required for full kinase activity in vivo of human and yeast eukaryotic initiation factor 2alpha kinases PKR and GCN2.
AUTHOR: Romano P R; Garcia-Barrio M T; Zhang X; Wang Q; Taylor D R; Zhang F; Herring C; Mathews M B; Qin J; Hinnebusch A G
CORPORATE SOURCE: Laboratory of Eukaryotic Gene Regulation, National Institute of Child Health and Human Development, Bethesda, Maryland 20892, USA.
CONTRACT NUMBER: AI 34552 (NIAID)
SOURCE: MOLECULAR AND CELLULAR BIOLOGY, (1998 Apr) 18 (4) 2282-97.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199805
ENTRY DATE: Entered STN: 19980529
Last Updated on STN: 20030204
Entered Medline: 19980521

L9 ANSWER 77 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
ACCESSION NUMBER: 1998:855791 SCISEARCH
THE GENUINE ARTICLE: 135PC
TITLE: Casein kinase I: Spatial organization and positioning of a multifunctional protein kinase family
AUTHOR: Gross S D; Anderson R A (Reprint)
CORPORATE SOURCE: UNIV WISCONSIN, SCH MED, DEPT PHARMACOL, 1300 UNIV AVE, MADISON, WI 53706 (Reprint); UNIV WISCONSIN, SCH MED, DEPT PHARMACOL, MADISON, WI 53706; UNIV COLORADO, HLTH SCI CTR, HOWARD HUGHES MED INST, DEPT PHARMACOL, DENVER, CO 80262

COUNTRY OF AUTHOR: USA
SOURCE: CELLULAR SIGNALLING, (NOV 1998) Vol. 10, No. 10, pp. 699-711.
Publisher: ELSEVIER SCIENCE INC, 655 AVENUE OF THE AMERICAS, NEW YORK, NY 10010.
ISSN: 0898-6568.

DOCUMENT TYPE: General Review; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 93
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 78 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
ACCESSION NUMBER: 1998:929872 SCISEARCH
THE GENUINE ARTICLE: 144DA
TITLE: Chromosomal mapping of three **human** LAMMER protein-kinase-encoding genes
AUTHOR: Talmadge C B; Finkernagel S; Sumegi J; Sciorra L; Rabinow L (Reprint)
CORPORATE SOURCE: UNIV NEBRASKA, MED CTR, DEPT BIOCHEM & MOL BIOL, 600 S 42ND ST, OMAHA, NE 68198 (Reprint); UNIV NEBRASKA, MED CTR, DEPT BIOCHEM & MOL BIOL, OMAHA, NE 68198; UNIV NEBRASKA, MED CTR, DEPT PATHOL & MICROBIOL, OMAHA, NE 68198; UNIV MED & DENT NEW JERSEY, ROBERT WOOD JOHNSON MED SCH, DEPT OBSTET & GYNECOL, NEW BRUNSWICK, NJ 08903
COUNTRY OF AUTHOR: USA
SOURCE: HUMAN GENETICS, (OCT 1998) Vol. 103, No. 4, pp. 523-524.
Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010.
ISSN: 0340-6717.

DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE
LANGUAGE: English
REFERENCE COUNT: 16
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 79 OF 120 MEDLINE on STN DUPLICATE 33
ACCESSION NUMBER: 1998389628 MEDLINE
DOCUMENT NUMBER: 98389628 PubMed ID: 9721213
TITLE: Identification and characterization of a novel serine-threonine kinase gene from the Xp22 region.
AUTHOR: Montini E; Andolfi G; Caruso A; Buchner G; Walpole S M; Mariani M; Consalez G; Trump D; Ballabio A; Franco B
CORPORATE SOURCE: Telethon Institute of Genetics and Medicine (TIGEM), San Raffaele Biomedical Science Park, Milan, Italy.
SOURCE: GENOMICS, (1998 Aug 1) 51 (3) 427-33.
Journal code: 8800135. ISSN: 0888-7543.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-Y15057
ENTRY MONTH: 199810
ENTRY DATE: Entered STN: 19981020
Last Updated on STN: 20020420
Entered Medline: 19981005

L9 ANSWER 80 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
ACCESSION NUMBER: 1998:656009 SCISEARCH
THE GENUINE ARTICLE: 113DJ
TITLE: Conserved organization of genes in trypanosomatids
AUTHOR: Bringaud F (Reprint); Vedrenne C; Cuvillier A; Parzy D; Baltz D; Tetaud E; Pays E; Venegas J; Merlin G; Baltz T
CORPORATE SOURCE: UNIV BORDEAUX 2, MOL PARASITOL LAB, CNRS, UPRESA 5016, 146

RUE LEO SAIGNAT, F-33076 BORDEAUX, FRANCE (Reprint);
 IMTSSA, PARASITOL LAB, F-13007 MARSEILLE, FRANCE; FREE
 UNIV BRUSSELS, DEPT BIOL MOL, B-1640 RHODE ST GENESE,
 BELGIUM
 COUNTRY OF AUTHOR: FRANCE; BELGIUM
 SOURCE: MOLECULAR AND BIOCHEMICAL PARASITOLOGY, (1 AUG 1998) Vol.
 94, No. 2, pp. 249-264.
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE
 AMSTERDAM, NETHERLANDS.
 ISSN: 0166-6851.
 DOCUMENT TYPE: Article; Journal
 FILE SEGMENT: LIFE
 LANGUAGE: English
 REFERENCE COUNT: 73
 ABSTRACT IS AVAILABLE IN THE ALL AND TALL FORMATS

L9 ANSWER 81 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1997:693602 HCAPLUS
 DOCUMENT NUMBER: 127:342651
 TITLE: An affinity-based expression cloning
 method for identifying eukaryotic tyrosine
 kinases and novel target proteins
 INVENTOR(S): Schlessinger, Joseph; Skolnik, Edward Y.; Margolis,
 Benjamin L.
 PATENT ASSIGNEE(S): New York University, USA
 SOURCE: U.S., 132 pp., Cont.-in-part of U.S. 5,434,064.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5677421	A	19971014	US 1994-208887	19940311
JP 2003199566	A2	20030715	JP 2003-6802	19920117
US 5434064	A	19950718	US 1992-906349	19920630
US 5618691	A	19970408	US 1993-167035	19931216
CA 2184988	AA	19950914	CA 1995-2184988	19950313
WO 9524426	A1	19950914	WO 1995-US3385	19950313
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KE, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TT, UA, UZ, VN				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9521022	A1	19950925	AU 1995-21022	19950313
EP 753010	A1	19970115	EP 1995-913755	19950313
R: CH, DE, FR, GB, LI				
US 5858686	A	19990112	US 1995-539005	19951004
US 6391584	B1	20020521	US 1999-280598	19990329
PRIORITY APPLN. INFO.:				
US 1991-643237 B2 19910118				
US 1992-906349 A2 19920630				
US 1993-167035 A2 19931216				
JP 1992-511535 A3 19920117				
US 1994-208887 A 19940311				
US 1994-252820 A3 19940602				
WO 1995-US3385 W 19950313				

L9 ANSWER 82 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS
 RESERVED. on STN
 ACCESSION NUMBER: 97298764 EMBASE
 DOCUMENT NUMBER: 1997298764
 TITLE: Inhibition of aminoglycoside antibiotic resistance enzymes

AUTHOR: by protein kinase inhibitors.
Daigle D.M.; McKay G.A.; Wright G.D.
CORPORATE SOURCE: G.D. Wright, Dept. of Biochemistry, McMaster University,
1200 Main St. W., Hamilton, Ont. L8N 3Z5, Canada.
wrightge@fhs.csu.mcmaster.ca
SOURCE: Journal of Biological Chemistry, (1997) 272/40
(24755-24758).
Refs: 23
ISSN: 0021-9258 CODEN: JBCHA3
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 029 Clinical Biochemistry
030 Pharmacology
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English

L9 ANSWER 83 OF 120 MEDLINE on STN DUPLICATE 34
ACCESSION NUMBER: 97289688 MEDLINE
DOCUMENT NUMBER: 97289688 PubMed ID: 9144159
TITLE: Identification of a new class of protein kinases
represented by eukaryotic elongation factor-2
kinase.
AUTHOR: Ryazanov A G; Ward M D; Mendola C E; Pavur K S; Dorovkov M
V; Wiedmann M; Erdjument-Bromage H; Tempst P; Parmer T G;
Prostko C R; Germino F J; Hait W N
CORPORATE SOURCE: Department of Pharmacology, Robert Wood Johnson Medical
School, University of Medicine and Dentistry of New Jersey,
Piscataway, NJ 08854, USA.. ryazanag@umdnj.edu
CONTRACT NUMBER: 5 P30 CA08748 (NCI)
CA 48883 (NCI)
SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE
UNITED STATES OF AMERICA, (1997 May 13) 94 (10) 4884-9.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U93846; GENBANK-U93847; GENBANK-U93848;
GENBANK-U93849; GENBANK-U93850
ENTRY MONTH: 199706
ENTRY DATE: Entered STN: 19970612
Last Updated on STN: 19990129
Entered Medline: 19970605

L9 ANSWER 84 OF 120 MEDLINE on STN DUPLICATE 35
ACCESSION NUMBER: 1998041915 MEDLINE
DOCUMENT NUMBER: 98041915 PubMed ID: 9371731
TITLE: Molecular cloning, characterization and
localization of PfPK4, an eIF-2alpha kinase-related enzyme
from the malarial parasite Plasmodium falciparum.
AUTHOR: Mohrle J J; Zhao Y; Wernli B; Franklin R M; Kappes B
CORPORATE SOURCE: Department of Structural Biology, Biozentrum, University of
Basel, Klingelbergstrasse 70, CH-4056 Basel, Switzerland.
SOURCE: BIOCHEMICAL JOURNAL, (1997 Dec 1) 328 (Pt 2) 677-87.
Journal code: 2984726R. ISSN: 0264-6021.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-X94118
ENTRY MONTH: 199801
ENTRY DATE: Entered STN: 19980130
Last Updated on STN: 19980130

Entered Medline: 19980122

L9 ANSWER 85 OF 120 MEDLINE on STN DUPLICATE 36
ACCESSION NUMBER: 97238628 MEDLINE
DOCUMENT NUMBER: 97238628 PubMed ID: 9115642
TITLE: cDNA sequence and expression of a gene encoding a pyruvate dehydrogenase kinase homolog of Drosophila melanogaster.
AUTHOR: Katsume T; Nomoto S; Togashi S; Ueda R; Kobayashi M; Takahisa M
CORPORATE SOURCE: Mitsubishi Kasei Institute of Life Sciences, Tokyo, Japan.
SOURCE: DNA AND CELL BIOLOGY, (1997 Mar) 16 (3) 335-9.
Journal code: 9004522. ISSN: 1044-5498.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-D88814
ENTRY MONTH: 199704
ENTRY DATE: Entered STN: 19970506
Last Updated on STN: 19990129
Entered Medline: 19970422

L9 ANSWER 86 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 37
ACCESSION NUMBER: 97307846 EMBASE
DOCUMENT NUMBER: 1997307846
TITLE: Heme-regulated eukaryotic initiation factor 2.alpha. kinase - A molecular indicator of haemolytic anaemia.
AUTHOR: An S.; Pal J.K.
CORPORATE SOURCE: J.K. Pal, Dept. of Biotechnol./Zoology, University of Pune, Pune 411007, India. jkp@unipune.ernet.in
SOURCE: Journal of Biosciences, (1997) 22/3 (287-298).
Refs: 41
ISSN: 0250-5991 CODEN: JOBSDN
COUNTRY: India
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 025 Hematology
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L9 ANSWER 87 OF 120 MEDLINE on STN
ACCESSION NUMBER: 1998094281 MEDLINE
DOCUMENT NUMBER: 98094281 PubMed ID: 9434192
TITLE: Characterization of a bacterial gene encoding an autophosphorylating protein tyrosine kinase.
AUTHOR: Grangeasse C; Doublet P; Vaganay E; Vincent C; Deleage G; Duclos B; Cozzone A J
CORPORATE SOURCE: Institut de Biologie et Chimie des Proteines, Centre National de la Recherche Scientifique, Lyon, France.
SOURCE: GENE, (1997 Dec 19) 204 (1-2) 259-65.
Journal code: 7706761. ISSN: 0378-1119.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-Y15162
ENTRY MONTH: 199802
ENTRY DATE: Entered STN: 19980224
Last Updated on STN: 19980224
Entered Medline: 19980212

L9 ANSWER 88 OF 120 MEDLINE on STN
ACCESSION NUMBER: 1998002930 MEDLINE
DOCUMENT NUMBER: 98002930 PubMed ID: 9344245
TITLE: Mitochondrial alpha-ketoacid dehydrogenase kinases: a new family of protein kinases.
AUTHOR: Popov K M; Hawes J W; Harris R A
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis 46202-5122, USA.
CONTRACT NUMBER: DK 19259 (NIDDK)
DK 47844 (NIDDK)
GM 51262 (NIGMS)
SOURCE: ADVANCES IN SECOND MESSENGER AND PHOSPHOPROTEIN RESEARCH, (1997) 31 105-11. Ref: 16
Journal code: 8807408. ISSN: 1040-7952.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199712
ENTRY DATE: Entered STN: 19980109
Last Updated on STN: 19980109
Entered Medline: 19971223

L9 ANSWER 89 OF 120 MEDLINE on STN
ACCESSION NUMBER: 1998040126 MEDLINE
DOCUMENT NUMBER: 98040126 PubMed ID: 9372844
TITLE: Interaction between DNA-dependent protein kinase and a novel protein, KIP.
AUTHOR: Wu X; Lieber M R
CORPORATE SOURCE: Department of Pathology, Washington University School of Medicine, St. Louis, MO 63110, USA.
SOURCE: MUTATION RESEARCH, (1997 Oct) 385 (1) 13-20.
Journal code: 0400763. ISSN: 0027-5107.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199712
ENTRY DATE: Entered STN: 19980109
Last Updated on STN: 20030218
Entered Medline: 19971212

L9 ANSWER 90 OF 120 MEDLINE on STN
ACCESSION NUMBER: 96278727 MEDLINE
DOCUMENT NUMBER: 96278727 PubMed ID: 8662715
TITLE: Expression of vaccinia virus K3L protein in yeast inhibits eukaryotic initiation factor-2 kinase GCN2 and the general amino acid control pathway.
AUTHOR: Qian W; Zhu S; Sobolev A Y; Wek R C
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis, Indiana 46202-5122, USA.
CONTRACT NUMBER: GM49164 (NIGMS)
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 May 31) 271 (22) 13202-7.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals

ENTRY MONTH: 199608
ENTRY DATE: Entered STN: 19960822
Last Updated on STN: 19960822
Entered Medline: 19960815

L9 ANSWER 91 OF 120 MEDLINE on STN
ACCESSION NUMBER: 96386639 MEDLINE
DOCUMENT NUMBER: 96386639 PubMed ID: 8794389
TITLE: The varicella-zoster virus ORF66 protein induces kinase activity and is dispensable for viral replication.
AUTHOR: Heineman T C; Seidel K; Cohen J I
CORPORATE SOURCE: Laboratory of Clinical Investigation, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland 20892, USA.
SOURCE: JOURNAL OF VIROLOGY, (1996 Oct) 70 (10) 7312-7.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199611
ENTRY DATE: Entered STN: 19961219
Last Updated on STN: 19961219
Entered Medline: 19961122

L9 ANSWER 92 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER: 1996:130042 BIOSIS
DOCUMENT NUMBER: PREV199698702177
TITLE: Cloning and characterisation of genes (pkc1 and pkcA) encoding protein kinase C homologues from Trichoderma reesei and Aspergillus niger.
AUTHOR(S): Morawetz, Renate; Lendenfeld, Thomas; Mischak, Harald; Muehlbauer, Manuela; Gruber, Franz; Goodnight, Joanne; De Graaff, Leo H.; Visser, Jaap; Mushinski, J. Frederick; Kubicek, Christian P. [Reprint author]
CORPORATE SOURCE: Abteilung Mikrobielle Biochem., Inst. Biochem. Technol. Mikrobiol., TU Wien, Getreidemarkt 9/1725, A-1060 Wien, Austria
SOURCE: Molecular and General Genetics, (1996) Vol. 250, No. 1, pp. 17-28.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 27 Mar 1996
Last Updated on STN: 27 Mar 1996

L9 ANSWER 93 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1995:994902 HCAPLUS
DOCUMENT NUMBER: 124:23326
TITLE: An affinity-based expression cloning method for identifying eukaryotic tyrosine kinases and novel target proteins
INVENTOR(S): Schlessinger, Joseph; Skolnik, Edward Y.; Margolis, Benjamin L.
PATENT ASSIGNEE(S): New York Univ., USA
SOURCE: PCT Int. Appl., 221 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9524426	A1	19950914	WO 1995-US3385	19950313
W:	AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KE, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TT, UA, UZ, VN			
RW:	KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
US 5677421	A	19971014	US 1994-208887	19940311
AU 9521022	A1	19950925	AU 1995-21022	19950313
EP 753010	A1	19970115	EP 1995-913755	19950313
R:	CH, DE, FR, GB, LI			
PRIORITY APPLN. INFO.:			US 1994-208887	A 19940311
			US 1991-643237	B2 19910118
			US 1992-906349	A2 19920630
			US 1993-167035	A2 19931216
			WO 1995-US3385	W 19950313

L9 ANSWER 94 OF 120 MEDLINE on STN
 ACCESSION NUMBER: 95333279 MEDLINE
 DOCUMENT NUMBER: 95333279 PubMed ID: 7609068
 TITLE: Characterization of the novel protein kinase activity present in the R1 subunit of herpes simplex virus ribonucleotide reductase.
 AUTHOR: Cooper J; Conner J; Clements J B
 CORPORATE SOURCE: MRC Virology Unit, Institute of Virology, Glasgow, United Kingdom.
 SOURCE: JOURNAL OF VIROLOGY, (1995 Aug) 69 (8) 4979-85.
 Journal code: 0113724. ISSN: 0022-538X.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199508
 ENTRY DATE: Entered STN: 19950828
 Last Updated on STN: 20020420
 Entered Medline: 19950811

L9 ANSWER 95 OF 120 MEDLINE on STN DUPLICATE 38
 ACCESSION NUMBER: 96137186 MEDLINE
 DOCUMENT NUMBER: 96137186 PubMed ID: 8555962
 TITLE: Analysis of the protein kinase activity of moss phytochrome expressed in fibroblast cell culture.
 AUTHOR: Thummel F; Herbst R; Algarra P; Ullrich A
 CORPORATE SOURCE: Botanisches Institut der Universitat Munchen, Germany.
 SOURCE: PLANTA, (1995) 197 (4) 592-6.
 Journal code: 1250576. ISSN: 0032-0935.
 PUB. COUNTRY: GERMANY: Germany, Federal Republic of
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Biotechnology
 ENTRY MONTH: 199602
 ENTRY DATE: Entered STN: 19960312
 Last Updated on STN: 19960312
 Entered Medline: 19960228

L9 ANSWER 96 OF 120 MEDLINE on STN
 ACCESSION NUMBER: 95203584 MEDLINE
 DOCUMENT NUMBER: 95203584 PubMed ID: 7896000
 TITLE: Protein kinases. 4. Protein kinase CK2: an enzyme with multiple substrates and a puzzling regulation.
 AUTHOR: Allende J E; Allende C C
 CORPORATE SOURCE: Departamento de Bioquimica, Facultad de Medicina, Universidad de Chile, Santiago.
 SOURCE: FASEB JOURNAL, (1995 Mar) 9 (5) 313-23. Ref: 86

PUB. COUNTRY: Journal code: 8804484. ISSN: 0892-6638.
 DOCUMENT TYPE: United States
 Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199504
 ENTRY DATE: Entered STN: 19950504
 Last Updated on STN: 20020420
 Entered Medline: 19950427

L9 ANSWER 97 OF 120 MEDLINE on STN
 ACCESSION NUMBER: 95189113 MEDLINE
 DOCUMENT NUMBER: 95189113 PubMed ID: 7883195
 TITLE: Cloning, sequencing and expression of serine/threonine kinase-encoding genes from Streptomyces coelicolor A3(2).
 AUTHOR: Urabe H; Ogawara H
 CORPORATE SOURCE: Department of Biochemistry, Meiji College of Pharmacy, Tokyo, Japan.
 SOURCE: GENE, (1995 Feb 3) 153 (1) 99-104.
 Journal code: 7706761. ISSN: 0378-1119.
 PUB. COUNTRY: Netherlands
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-D26539; GENBANK-L07597; GENBANK-M17073;
 GENBANK-X58995; PIR-A46302; PIR-B35363; PIR-S22373
 ENTRY MONTH: 199504
 ENTRY DATE: Entered STN: 19950425
 Last Updated on STN: 20020420
 Entered Medline: 19950407

L9 ANSWER 98 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 1994:695972 HCPLUS
 DOCUMENT NUMBER: 121:295972
 TITLE: Molecular cloning and use of cDNA for HRR25-like eukaryotic protein kinases
 INVENTOR(S): Hoekstra, Merl F.
 PATENT ASSIGNEE(S): Salk Institute for Biological Studies, USA
 SOURCE: PCT Int. Appl., 120 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9417189	A2	19940804	WO 1994-US795	19940121
WO 9417189	A3	19941013		
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2132452	AA	19940804	CA 1994-2132452	19940121
CA 2132452	C	20031021		
EP 632832	A1	19950111	EP 1994-915331	19940121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07505057	T2	19950608	JP 1994-517227	19940121
PRIORITY APPLN. INFO.:			US 1993-8001	A 19930121
			WO 1994-US795	W 19940121

L9 ANSWER 99 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1994:317358 HCAPLUS
DOCUMENT NUMBER: 120:317358
TITLE: A cDNA encoding the heme-regulated eukaryotic initiation factor 2.alpha. kinase of rabbit
INVENTOR(S): Chen, Jane Jane; London, Irving M.
PATENT ASSIGNEE(S): Massachusetts Institute of Technology, USA
SOURCE: PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9405794	A1	19940317	WO 1993-US8131	19930827
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5525513	A	19960611	US 1992-938782	19920831
EP 658204	A1	19950621	EP 1993-921241	19930827
EP 658204	B1	20020605		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
AT 218618	E	20020615	AT 1993-921241	19930827
PRIORITY APPLN. INFO.:			US 1992-938782	A 19920831
			JP 1992-81664	A 19920302
			WO 1993-US8131	W 19930827

L9 ANSWER 100 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1994:262679 HCAPLUS
DOCUMENT NUMBER: 120:262679
TITLE: Identification and characterization of a protein kinase gene in the Lymantria dispar multinucleocapsid nuclear polyhedrosis virus
AUTHOR(S): Bischoff, David S.; Slavicek, James M.
CORPORATE SOURCE: For. Sci. Lab., For. Serv., Delaware, OH, 43015, USA
SOURCE: Journal of Virology (1994), 68(3), 1728-36
CODEN: JOVIAM; ISSN: 0022-538X
DOCUMENT TYPE: Journal
LANGUAGE: English

L9 ANSWER 101 OF 120 MEDLINE on STN DUPLICATE 39
ACCESSION NUMBER: 94343041 MEDLINE
DOCUMENT NUMBER: 94343041 PubMed ID: 8064409
TITLE: Regulation of branched-chain amino acid catabolism.
AUTHOR: Harris R A; Popov K M; Zhao Y; Shimomura Y
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Indiana University School of Medicine, Indianapolis 46202-5122.
CONTRACT NUMBER: AM 20542 (NIADDK)
DK 19259 (NIDDK)
SOURCE: JOURNAL OF NUTRITION, (1994 Aug) 124 (8 Suppl) 1499S-1502S.
Ref: 32
Journal code: 0404243. ISSN: 0022-3166.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199409
ENTRY DATE: Entered STN: 19941005
Last Updated on STN: 19941005
Entered Medline: 19940916

L9 ANSWER 102 OF 120 MEDLINE on STN DUPLICATE 40

ACCESSION NUMBER: 95035100 MEDLINE
DOCUMENT NUMBER: 95035100 PubMed ID: 7948027
TITLE: Cloning and characterization of a cDNA encoding rat PKR, the double-stranded RNA-dependent eukaryotic initiation factor-2 kinase.
AUTHOR: Mellor H; Flowers K M; Kimball S R; Jefferson L S
CORPORATE SOURCE: Department of Cellular and Molecular Physiology, College of Medicine, Pennsylvania State University, Hershey 17033.
CONTRACT NUMBER: DK07684 (NIDDK)
DK13499 (NIDDK)
DK15658 (NIDDK)
SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA, (1994 Nov 22) 1219 (3) 693-6.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-L29281
ENTRY MONTH: 199412
ENTRY DATE: Entered STN: 19950110
Last Updated on STN: 19980206
Entered Medline: 19941229

L9 ANSWER 103 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
ACCESSION NUMBER: 94:767760 SCISEARCH
THE GENUINE ARTICLE: PU802
TITLE: CLONING AND CHARACTERIZATION OF A CDNA-ENCODING RAT PKR, THE DOUBLE-STRANDED RNA-DEPENDENT EUKARYOTIC INITIATION FACTOR-II KINASE
AUTHOR: MELLOR H; FLOWERS K M; KIMBALL S R; JEFFERSON L S (Reprint)
CORPORATE SOURCE: PENN STATE UNIV, COLL MED, DEPT CELLULAR & MOLEC PHYSIOL, POB 850, HERSEY, PA, 17033 (Reprint); PENN STATE UNIV, COLL MED, DEPT CELLULAR & MOLEC PHYSIOL, HERSEY, PA, 17033
COUNTRY OF AUTHOR: USA
SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA-GENE STRUCTURE AND EXPRESSION, (22 NOV 1994) Vol. 1219, No. 3, pp. 693-696.
ISSN: 0167-4781.
DOCUMENT TYPE: Note; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 15
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 104 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 41
ACCESSION NUMBER: 94211930 EMBASE
DOCUMENT NUMBER: 1994211930
TITLE: Protein kinase superfamily - Comparisons of sequence data with three-dimensional structures.
AUTHOR: Wei L.; Hubbard S.R.; Smith R.F.; Ellis L.
CORPORATE SOURCE: Center for Genome Informatics, Inst of Biosciences and Technology, Texas A and M University, 2121 Holcombe, Houston, TX 77030, United States
SOURCE: Current Opinion in Structural Biology, (1994) 4/3 (450-455).
ISSN: 0959-440X CODEN: COSBEF
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; (Short Survey)
FILE SEGMENT: 029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L9 ANSWER 105 OF 120 MEDLINE on STN
DUPLICATE 41

ACCESSION NUMBER: 94089727 MEDLINE
DOCUMENT NUMBER: 94089727 PubMed ID: 7505448
TITLE: A gene encoding a protein related to **eukaryotic**
protein **kinases** from the filamentous
heterocystous cyanobacterium *Anabaena* PCC 7120.
AUTHOR: Zhang C C
CORPORATE SOURCE: Ecole Superieure de Biotechnologie de Strasbourg,
Universite Louis Pasteur de Strasbourg, France.
SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE
UNITED STATES OF AMERICA, (1993 Dec 15) 90 (24) 11840-4.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U00484
ENTRY MONTH: 199401
ENTRY DATE: Entered STN: 19940209
Last Updated on STN: 19960129
Entered Medline: 19940121

L9 ANSWER 106 OF 120 MEDLINE on STN DUPLICATE 42

ACCESSION NUMBER: 94358007 MEDLINE
DOCUMENT NUMBER: 94358007 PubMed ID: 8077302
TITLE: Invasive **human** pituitary tumors **express**
a point-mutated alpha-protein kinase-C.
AUTHOR: Alvaro V; Levy L; Dubray C; Roche A; Peillon F; Querat B;
Joubert D
CORPORATE SOURCE: Centre CNRS-INSERM de Pharmacologie et d'Endocrinologie,
Montpellier, France.
SOURCE: JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM, (1993
Nov) 77 (5) 1125-9.
Journal code: 0375362. ISSN: 0021-972X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 199410
ENTRY DATE: Entered STN: 19941013
Last Updated on STN: 19941013
Entered Medline: 19941006

L9 ANSWER 107 OF 120 MEDLINE on STN DUPLICATE 43

ACCESSION NUMBER: 93249388 MEDLINE
DOCUMENT NUMBER: 93249388 PubMed ID: 8387275
TITLE: Activation of purified **human** protein kinase C
alpha and beta I isoenzymes in vitro by Ca²⁺,
phosphatidylinositol and phosphatidylinositol
4,5-bisphosphate.
AUTHOR: Kochs G; Hummel R; Fiebich B; Sarre T F; Marme D; Hug H
CORPORATE SOURCE: University of Freiburg, Institute of Molecular Cell
Biology, Germany.
SOURCE: BIOCHEMICAL JOURNAL, (1993 Apr 15) 291 (Pt 2) 627-33.
Journal code: 2984726R. ISSN: 0264-6021.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199306
ENTRY DATE: Entered STN: 19930618
Last Updated on STN: 19970203
Entered Medline: 19930601

L9 ANSWER 108 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1993:186643 HCAPLUS
DOCUMENT NUMBER: 118:186643
TITLE: Activation of purified **human** protein kinase C .alpha. and .beta.I isoenzymes in vitro by calcium, phosphatidylinositol and phosphatidylinositol 4,5-bisphosphate
AUTHOR(S): Kochs, Georg; Hummel, Richard; Fiebich, Bernd; Sarre, Thomas F.; Marme, Dieter; Hug, Hubert
CORPORATE SOURCE: Inst. Mol. Cell Biol., Univ. Freiburg, Freiburg, 7800, Germany
SOURCE: Biochemical Journal (1993), 291(2), 627-33
DOCUMENT TYPE: CODEN: BIJOAK; ISSN: 0306-3275
LANGUAGE: Journal English

L9 ANSWER 109 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1993:141041 HCAPLUS
DOCUMENT NUMBER: 118:141041
TITLE: Chromosomal localization and nucleoside diphosphate kinase activity of **human** metastasis-suppressor genes NM23-1 and NM23-2
AUTHOR(S): Backer, Joseph M.; Mendola, Charmaine E.; Kovacs, Imre; Fairhurst, Jeanette L.; O'Hara, Bryan; Eddy, Roger L., Jr.; Shows, Thomas B.; Mathew, Susan; Murty, V. V. V. S.; Chaganti, R. S. K.
CORPORATE SOURCE: Lederle Lab., American Cyanamid Co., Pearl River, NY, 10965, USA
SOURCE: Oncogene (1993), 8(2), 497-502
DOCUMENT TYPE: CODEN: ONCNES; ISSN: 0950-9232
LANGUAGE: Journal English

L9 ANSWER 110 OF 120 MEDLINE on STN DUPLICATE 44
ACCESSION NUMBER: 93173121 MEDLINE
DOCUMENT NUMBER: 93173121 PubMed ID: 8437586
TITLE: Mutational analysis of the fission yeast p34cdc2 protein kinase gene.
AUTHOR: MacNeill S A; Nurse P
CORPORATE SOURCE: Microbiology Unit, University of Oxford, UK.
SOURCE: MOLECULAR AND GENERAL GENETICS, (1993 Jan) 236 (2-3)
415-26.
PUB. COUNTRY: Journal code: 0125036. ISSN: 0026-8925.
DOCUMENT TYPE: GERMANY: Germany, Federal Republic of
LANGUAGE: Journal; Article; (JOURNAL ARTICLE)
FILE SEGMENT: English
ENTRY MONTH: Priority Journals
ENTRY DATE: 199303
Entered STN: 19930402
Last Updated on STN: 20000303
Entered Medline: 19930324

L9 ANSWER 111 OF 120 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 45
ACCESSION NUMBER: 93081909 EMBASE
DOCUMENT NUMBER: 1993081909
TITLE: Rhodopsin phosphorylation by transiently expressed **human**.beta.ARK1: A new method for drug development.
AUTHOR: Parruti G.; Lombardi M.S.; Chuang T.T.; De Blasi A.
CORPORATE SOURCE: Lab of Receptor Physiopathology, Ist Ric Farmacologiche 'Mario Negri', Consorzio M Negri Sud, 66030 Santa Maria Imbaro, Italy

SOURCE: Journal of Receptor Research, (1993) 13/1-4 (95-103).
ISSN: 0197-5110 CODEN: JRERDM
COUNTRY: United States
DOCUMENT TYPE: Journal; Conference Article
FILE SEGMENT: 029 Clinical Biochemistry
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English

L9 ANSWER 112 OF 120 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 46

ACCESSION NUMBER: 1993:94498 BIOSIS
DOCUMENT NUMBER: PREV199395049694
TITLE: Tat-responsive region RNA of human immunodeficiency virus type 1 stimulates protein synthesis in vivo and in vitro: Relationship between structure and function.
AUTHOR(S): Gunnery, Shobha; Green, Simon R.; Mathews, Michael B.
CORPORATE SOURCE: Cold Spring Harbor Lab., P.O. Box 100, Cold Spring Harbor, N.Y. 11724, USA
SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (1992) Vol. 89, No. 23, pp. 11557-11561.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 9 Feb 1993
Last Updated on STN: 17 Apr 1993

L9 ANSWER 113 OF 120 HCPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1992:211069 HCPLUS
DOCUMENT NUMBER: 116:211069
TITLE: The vaccinia virus K3L gene product potentiates translation by inhibiting double-stranded-RNA-activated protein kinase and phosphorylation of the alpha subunit of eukaryotic initiation factor 2
AUTHOR(S): Davies, Monique V.; Elroy-Stein, Orna; Jagus, Rosemary; Moss, Bernard; Kaufman, Randal J.
CORPORATE SOURCE: Genet. Inst., Cambridge, MA, 02140-2387, USA
SOURCE: Journal of Virology (1992), 66(4), 1943-50
DOCUMENT TYPE: Journal
LANGUAGE: English

L9 ANSWER 114 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN

ACCESSION NUMBER: 92:709675 SCISEARCH
THE GENUINE ARTICLE: KB012
TITLE: VIRAL THYMIDINE KINASES AND THEIR RELATIVES
AUTHOR: GENTRY G A (Reprint)
CORPORATE SOURCE: UNIV MISSISSIPPI, MED CTR, DEPT MICROBIOL, JACKSON, MS, 39216 (Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: PHARMACOLOGY & THERAPEUTICS, (1992) Vol. 54, No. 3, pp. 319-355.
DOCUMENT TYPE: General Review; Journal
FILE SEGMENT: LIFE
LANGUAGE: ENGLISH
REFERENCE COUNT: 200

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 115 OF 120 MEDLINE on STN DUPLICATE 47

ACCESSION NUMBER: 92331669 MEDLINE
DOCUMENT NUMBER: 92331669 PubMed ID: 1378403

TITLE: Molecular cloning, stage-specific expression and cellular distribution of a putative protein kinase from *Plasmodium falciparum*.
AUTHOR: Zhao Y; Kappes B; Yang J; Franklin R M
CORPORATE SOURCE: Department of Structural Biology, Biocenter of the University of Basel, Switzerland.
SOURCE: EUROPEAN JOURNAL OF BIOCHEMISTRY, (1992 Jul 1) 207 (1) 305-13.
PUB. COUNTRY: Journal code: 0107600. ISSN: 0014-2956.
GERMANY: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-M85175; GENBANK-M85176; GENBANK-M85177;
GENBANK-S42400; GENBANK-S42403; GENBANK-S42404;
GENBANK-X63648; GENBANK-X65179; GENBANK-X65180;
GENBANK-X65181
ENTRY MONTH: 199208
ENTRY DATE: Entered STN: 19920904
Last Updated on STN: 19960129
Entered Medline: 19920814

L9 ANSWER 116 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1991:601750 HCAPLUS
DOCUMENT NUMBER: 115:201750
TITLE: Functional expression and characterization
of the interferon-induced double-stranded RNA
activated P68 protein kinase from *Escherichia coli*
Barber, Glen N.; Tomita, Judy; Hovanessian, Ara G.;
Meurs, Eliane; Katze, Michael G.
AUTHOR(S): Sch. Med., Univ. Washington, Seattle, WA, 98195, USA
CORPORATE SOURCE: Biochemistry (1991), 30(42), 10356-61
SOURCE: CODEN: BICHAW; ISSN: 0006-2960
DOCUMENT TYPE: Journal
LANGUAGE: English

L9 ANSWER 117 OF 120 MEDLINE on STN DUPLICATE 48
ACCESSION NUMBER: 92039015 MEDLINE
DOCUMENT NUMBER: 92039015 PubMed ID: 1657712
TITLE: Nucleoside diphosphate kinase from *Escherichia coli*; its
overproduction and sequence comparison with eukaryotic
enzymes.
AUTHOR: Hama H; Almala N; Lerner C G; Inouye S; Inouye M
CORPORATE SOURCE: Department of Biochemistry, Robert Wood Johnson Medical
School, University of Medicine and Dentistry of New Jersey,
Rutgers, Piscataway 08854.
CONTRACT NUMBER: GM12446 (NIGMS)
GM19043 (NIGMS)
GM26843 (NIGMS)
SOURCE: GENE, (1991 Aug 30) 105 (1) 31-6.
Journal code: 7706761. ISSN: 0378-1119.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199112
ENTRY DATE: Entered STN: 19920124
Last Updated on STN: 19920124
Entered Medline: 19911203

L9 ANSWER 118 OF 120 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN
ACCESSION NUMBER: 91:617218 SCISEARCH
THE GENUINE ARTICLE: GN725
TITLE: NUCLEOSIDE DIPHOSPHATE KINASE FROM *ESCHERICHIA-COLI* - ITS

OVERPRODUCTION AND SEQUENCE COMPARISON WITH EUKARYOTIC
ENZYMES

AUTHOR: HAMA H; ALMAULA N; LERNER C G; INOUYE S; INOUYE M
(Reprint)

CORPORATE SOURCE: RUTGERS STATE UNIV, UNIV MED & DENT NEW JERSEY, ROBERT
WOOD JOHNSON MED SCH, PISCATAWAY, NJ, 08854

COUNTRY OF AUTHOR: USA

SOURCE: GENE, (1991) Vol. 105, No. 1, pp. 31-36.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: ENGLISH

REFERENCE COUNT: 31

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 ANSWER 119 OF 120 MEDLINE on STN DUPLICATE 49

ACCESSION NUMBER: 86259663 MEDLINE

DOCUMENT NUMBER: 86259663 PubMed ID: 3460065

TITLE: Defective RNA splicing in the absence of adenovirus-associated RNAI.

AUTHOR: Svensson C; Akusjarvi G

SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1986 Jul) 83 (13) 4690-4.
Journal code: 7505876. ISSN: 0027-8424.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 198608

ENTRY DATE: Entered STN: 19900321
Last Updated on STN: 19980206
Entered Medline: 19860801

L9 ANSWER 120 OF 120 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1981:617291 HCAPLUS

DOCUMENT NUMBER: 95:217291

TITLE: A new dominant hybrid selective marker for higher eukaryotic cells

AUTHOR(S): Colbere-Garapin, Florence; Horodniceanu, Florian;
Kourilsky, Philippe; Garapin, Axel-Claude

CORPORATE SOURCE: Unite Virol. Med., Inst. Pasteur, Paris, 75724/15, Fr.

SOURCE: Journal of Molecular Biology (1981), 150(1), 1-14
CODEN: JMOBAK; ISSN: 0022-2836

DOCUMENT TYPE: Journal

LANGUAGE: English

=> e curtis r a/au

E1 634 CURTIS R/AU
E2 1 CURTIS R 3RD/AU
E3 214 --> CURTIS R A/AU
E4 89 CURTIS R A J/AU
E5 14 CURTIS R B/AU
E6 19 CURTIS R C/AU
E7 4 CURTIS R C H/AU
E8 2 CURTIS R CAROLYN/AU
E9 32 CURTIS R D/AU
E10 251 CURTIS R E/AU
E11 4 CURTIS R EUGENE/AU
E12 127 CURTIS R F/AU

=> s e3

L10 214 "CURTIS R A"/AU

=> d his

(FILE 'HOME' ENTERED AT 09:03:48 ON 11 DEC 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 09:04:13 ON 11 DEC 2003

L1 0 S "PROTEIN (5W) KINASE?"
L2 1144257 S KINASE?
L3 2086 S EUKARYOTIC (5W) KINASE?
L4 433 S HUMAN AND L3
L5 0 S "EPK-55053"
L6 0 S EPK(A)55053
L7 6272589 S RECOMBINANT OR CLON? OR EXPRESS?
L8 253 S L4 AND L7
L9 120 DUP REM L8 (133 DUPLICATES REMOVED)
 E CURTIS R A/AU
L10 214 S E3

=> s l9 and l10
L11 0 L9 AND L10

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L12 0 L2 AND L10

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(FILE 'HOME' ENTERED AT 09:03:48 ON 11 DEC 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 09:04:13 ON 11 DEC 2003

L1 0 S "PROTEIN (5W) KINASE?"
L2 1144257 S KINASE?
L3 2086 S EUKARYOTIC (5W) KINASE?
L4 433 S HUMAN AND L3
L5 0 S "EPK-55053"
L6 0 S EPK(A)55053
L7 6272589 S RECOMBINANT OR CLON? OR EXPRESS?
L8 253 S L4 AND L7
L9 120 DUP REM L8 (133 DUPLICATES REMOVED)
 E CURTIS R A/AU
L10 214 S E3
L11 0 S L9 AND L10
L12 0 S L2 AND L10

=>

	Issue Date	Pages	Document ID	Title
1	20030925	520	US 20030180930 A1	Novel human protein kinase, phosphatase, and protease family members and uses thereof
2	20020919	67	US 20020132785 A1	13305 novel protein kinase molecules and uses therefor
3	20020627	65	US 20020081658 A1	18610, a novel human transient receptor and uses thereof
4	20020411	84	US 20020042099 A1	2504, 15977, and 14760, novel protein kinase family members and uses therefor

	Issue Date	Pages	Document ID	Title
1	20030925	520	US 20030180930 A1	Novel human protein kinase, phosphatase, and protease family members and uses thereof
2	20020919	67	US 20020132785 A1	13305 novel protein kinase molecules and uses therefor
3	20020627	65	US 20020081658 A1	18610, a novel human transient receptor and uses thereof
4	20020411	84	US 20020042099 A1	2504, 15977, and 14760, novel protein kinase family members and uses therefor

	L #	Hits	Search Text
1	L1	0	"epk-55505"
2	L2	42778	kinase\$2
3	L3	38246	eukaryotic
4	L4	0	11 same 13
5	L5	4598	12 same 13
6	L6	381008	human
7	L7	1160	15 same 16
8	L8	582955	clon\$3 or express\$3 or recombinant
9	L9	642	17 same 18
10	L10	5421	curtis.in.
11	L11	1	19 and 110
12	L12	317	13 adj5 kinase\$2

	L #	Hits	Search Text
13	L13	4	l10 and l12